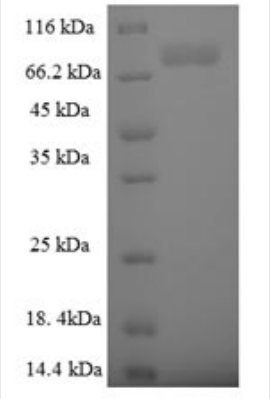
E3 Ubiquitin-Protein Ligase TRIM9 (TRIM9) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	E3 ubiquitin-protein ligase TRIM9, Recombinant Protein
Full Product Name	Recombinant Human E3 ubiquitin-protein ligase TRIM9
Product Gene Name	TRIM9 recombinant protein
Product Synonym Names	RING finger protein 91; Tripartite motif-containing protein 9
Sequence	MEEMEEELKC PVCGSFYREP IILPCSHNLC QACARNILVQ TPESESPQSH RAAGSGVSDY DYLDLDKMSL YSEADSGYGS YGGFASAPTT PCQKSPNGVR VFPPAMPPPA THLSPALAPV PRNSCITCPQ CHRSLILDDR GLRGFPKNRV LEGVIDRYQQ SKAAALKCQL CEKAPKEATV MCEQCDVFYC DPCRLRCHPP RGPLAKHRLV PPAQGRVSRR LSPRKVSTCT DHELENHSMY CVQCKMPVCY QCLEEGKHSS HEVKALGAMW KLHKSQLSQA LNGLSDRAKE AKEFLVQLRN MVQQIQENSV EFEACLVAQC DALIDALNRR KAQLLARVNK EHEHKLKVVR DQISHCTVKL RQTTGLMEYC LEVIKENDPS GFLQISDALI RRVHLTEDQW GKGTLTPRMT TDFDLSLDNS PLLQSIHQLD FVQVKASSPV PATPILQLEE CCTHNNSATL SWKQPPLSTV PADGYILELD DGNGGQFREV YVGKETMCTV DGLHFNSTYN ARVKAFNKTG VSPYSKTLVL QTSEGKALQQ YPSERELRGI
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.
Molecular Weight	77.3 kDa
Sequence Positions	1-550aa; Full Length of isoform 5
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	606555
3D Structure	ModBase 3D Structure for Q9C026
Product Categories/Family for TRIM9 recombinant protein	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TRIM9 recombinant protein	E3 ubiquitin-protein ligase which ubiquitinates itself in cooperation with an E2 enzyme UBE2D2/UBC4 and serves as a targeting signal for proteasomal degradation. May play a role in regulation of neuronal functions and may also participate in the formation or breakdown of abnormal inclusions in neurodegenerative disorders. May act as a regulator of synaptic vesicle exocytosis by controlling the availability of SNAP25 for the SNARE complex formation.

Product References and Citations for TRIM9 recombinant protein	The tripartite motif family identifies cell compartments.Reymond A., Meroni G., Fantozzi A., Merla G., Cairo S., Luzi L., Riganelli D., Zanaria E., Messali S., Cainarca S., Guffanti A., Minucci S., Pelicci P.G., Ballabio A.EMBO J. 20:2140-2151(2001) Construction and characterization of human brain cDNA libraries suitable for analysis of cDNA clones encoding relatively large proteins.Ohara O., Nagase T., Ishikawa K., Nakajima D., Ohira M., Seki N., Nomura N.DNA Res. 4:53-59(1997) Construction of expression-ready cDNA clones for KIAA genes manual curation of 330 KIAA cDNA clones.Nakajima D., Okazaki N., Yamakawa H., Kikuno R., Ohara O., Nagase T.DNA Res. 9:99-106(2002) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004)
Other Notes	Small volumes of TRIM9 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRIM9 purchase	MBS1471720 is a recombinant protein targeting TRIM9. Also known as Recombinant Human E3 ubiquitin-protein ligase TRIM9. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.



SDS-PAGE of TRIM9 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIM9. It may not necessarily be applicable to this product.

NCBI GI #	190341104
NCBI GeneID	114088
NCBI Accession #	NP_055978.4
UniProt Primary Accession #	Q9C026
UniProt Secondary Accession #	Q92557; Q96D24; Q96NI4; Q9C025; Q9C027; D3DSB7; D3DSB8
UniProt Related Accession #	Q9C026
GenBank Nucleotide #	NM_015163.5

NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM9 isoform 1
NCBI Official Synonym Full Names	tripartite motif containing 9
NCBI Official Symbol	TRIM9
NCBI Official Synonym Symbols	RNF91; SPRING
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM9
UniProt Synonym Protein Names	RING finger protein 91; Tripartite motif-containing protein 9
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	TRIM9
UniProt Synonym Gene Names	KIAA0282; RNF91
UniProt Entry Name	TRIM9_HUMAN
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM9
NCBI Summary for TRIM9	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies. Its function has not been identified. Alternate splicing of this gene generates two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Research Articles on TRIM9	**1.** TRIM9 is a brain-specific negative regulator of the NF-kappaB pro-inflammatory signalling pathway.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/e3-ubiquitin-protein-ligase-trim9/1471720