Nef-Associated Protein 1 (C9ORF156) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nef-associated protein 1 (C9orf156), Recombinant Protein
Full Product Name	Recombinant Human Nef-associated protein 1 (C9orf156)
Product Gene Name	C9orf156 recombinant protein
Product Synonym Gene Name	C9orf156
Sequence	MRGLEESGPR PTATPCGCVK PALETGNLLT EPVGYLESCF SAKNGTPRQP SICSYSRACL RIRKRIFNNP EHSLMGLEQF SHVWILFVFH KNGHLSCKAK VQPPRLNGAK TGVFSTRSPH RPNAIGLTLA KLEKVEGGAI YLSGIDMIHG TPVLDIKPYI AEYDSPQNVM EPLADFNLQN NQHTPNTVSQ SDSKTDSCDQ RQLSGCDEPQ PHHSTKRKPK CPEDRTSEEN YLTHSDTARI QQAFPMHREI AVDFGLESRR DQSSSVAEEQ IGPYCPEKSF SEKGTDKKLE RVEGAAVLQG SRAETQPMAP HCPAGRADGA PRSVVPAWVT EAPVATLEVR FTPHAEMDLG QLSSQDVGQA SFKYFQSAEE AKRAIEAVLS ADPRSVYRRK LCQDRLFYFT VDIAHVTCWF GDGFAEVLRI KPASEPVHMT GPVGSLVSLG S
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 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	48,587 Da
Sequence Positions	1-441, Full length protein
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.
3D Structure	ModBase 3D Structure for Q9BU70
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for C9orf156 recombinant protein	MBS1404701 is a recombinant protein targeting C9orf156. Also known as Recombinant Human Nef-associated protein 1 (C9orf156). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of C9orf156 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C9orf156. It may not necessarily be applicable to this product.

NCBI GI #	1061214046
NCBI GeneID	51531
NCBI Accession #	NP_001317654.1

UniProt Primary Accession #	Q9BU70
UniProt Secondary Accession #	Q5T113; Q86SK0; Q9NXJ7; Q9P0Q7
UniProt Related Accession #	Q9BU70
GenBank Nucleotide #	NM_001330725.1
NCBI Official Full Name	tRNA (adenine(37)-N6)-methyltransferase isoform 2
NCBI Official Synonym Full Names	tRNA methyltransferase O
NCBI Official Symbol	TRMO
NCBI Official Synonym Symbols	NAP1; HSPC219; C9orf156
UniProt Protein Name	tRNA (adenine(37)-N6)-methyltransferase
UniProt Synonym Protein Names	tRNA methyltransferase O
UniProt Gene Name	TRMO
NCBI Protein Information	tRNA (adenine(37)-N6)-methyltransferase
UniProt Comments for C9orf156	S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenosine at position 37 (m6t6A37) of the tRNA anticodon loop of tRNA(Ser)(GCU) (PubMed:25063302). The methyl group of m6t6A37 may improve the efficiency of the tRNA decoding ability. May bind to tRNA ().
Research Articles on C9orf156	**1.** Observational study of gene-disease association. (HuGE Navigator)
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.
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