Retrotransposon Gag Domain-Containing Protein 4 (RGAG4) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Retrotransposon gag domain-containing protein 4 (RGAG4), Recombinant Protein
Full Product Name	Recombinant Human Retrotransposon gag domain-containing protein 4 (RGAG4)
Product Gene Name	RGAG4 recombinant protein
Product Synonym Gene Name	RGAG4
Sequence	MSEASGNLNS LRMANVALRE ELNALRGENA NLGLQLGRAL AEVNSLRGNV SSYIRWPVPI VPVLAEENLE FALSEIEVIP GGELPFLCRP PPRAEPDCIS DDLLINVIQD RSTPDGPADP PLLPIPPPPA LPPPASKEPP PQPPLAPLER PEIEPFSGDP VYLAEFLMQL ETFIADHEVH FPGGAERVAF LISFFTGEAK DWAISVTQEG SPLHANFPRF LDEIRKEFCG PIPPRVAKKA IRKLKQGHCT LGSYADAFQF LAQFLSWDDC RLQNQFLKGL SEFFRKELLW STEMADLDEL ILECVEIERK VRVPKPIPLP GVRNIIFPFA PSPNEEESED EEYYSEDEDQ EARRHRLHSK DQRKRMRAFQ QEMKEKEEEE MKKEEEMKKK EEKEEEEEEE MKQKEEEEEI RNKNEEEGES KDEEDEDEDG GQKPEGEPQQ DPGTEETYGE VEEEPLDEAQ DDDLDELMEM EPTFVHASSQ TSGPTSGYHA ENFLGASPPI IQPSRRRNQN RVPLLEGLPG TNSPFYSSPQ LIRRTGRLGQ RQVRRRPPVL FRLTPRQGGH RAARGRIRV
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	64,711 Da
Sequence Positions	1-569, 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 Q5HYW3
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RGAG4 recombinant protein	MBS1326774 is a recombinant protein targeting RGAG4. Also known as Recombinant Human Retrotransposon gag domain-containing protein 4 (RGAG4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RGAG4 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 RGAG4. It may not necessarily be applicable to this product.

NCBI GI #	66792814
NCBI GeneID	340526

NCBI Accession #	NP_001019626.1
UniProt Primary Accession #	Q5HYW3
UniProt Secondary Accession #	Q8NCM4; Q9NPX1; A7E2W7
UniProt Related Accession #	Q5HYW3
GenBank Nucleotide #	NM_001024455.3
NCBI Official Full Name	retrotransposon Gag-like protein 5
NCBI Official Synonym Full Names	retrotransposon Gag like 5
NCBI Official Symbol	RTL5
NCBI Official Synonym Symbols	MAR5; MART5; RGAG4; SIRH8; 6430402L03Rik
UniProt Protein Name	Retrotransposon Gag-like protein 5
UniProt Synonym Protein Names	Retrotransposon gag domain-containing protein 4Curated
Protein Family	Retrotransposon gag domain-containing protein
UniProt Gene Name	RTL5
NCBI Protein Information	retrotransposon Gag-like protein 5
UniProt Comments for RGAG4	MiscellaneousRTL5 is one of at least 11 genes called Mar or Mart related to long terminal repeat retrotransposons. They do not correspond to functional retrotransposons, but rather to neofunctionalized retrotransposons genes.
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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