Rab11 Family-Interacting Protein 1 (RAB11FIP1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Rab11 family-interacting protein 1 (Rab11fip1), Recombinant Protein
Full Product Name	Recombinant Rat Rab11 family-interacting protein 1 (Rab11fip1)
Product Gene Name	Rab11fip1 recombinant protein
Product Synonym Gene Name	Rab11fip1
Sequence	MSLAASAGRG PGTMWSPTHV QVTVLQARGL RAKGPGGTSD AYAVIQVGKE KYATSVSERS LGAPVWREEA TFELPPLLSS GTAPAAAAAT LQLTVLHRAL LGLDKFLGRA EVDLRELHRD QSRRKKQWYT LKSKPGKKDK ERGEIEVDIQ FMRNNMTASM FDLSMKDKSR NPFGKLKDKI KGKNKDNTSD TASAIVPSTT PSVDSDDESF SKDKKKKSKI KTLFSKPSLQ KTPLSQSMSV LPTSKPDKVL LRPGDFQSRW GDEGDNEDES SSASEVMSQK RTSSTDHTQP NQSNFSLPKK EGLSFLGGLR SKNDSLSRSN VCINGNHVYM EQPEAKSEIR ESSPSNSPSP QGFRKRHLFS STENLAARSP KEPGEGGGMS SDRRLSDSST KDSMKSMSLP SYRPLTTADS REGLSPANME VATKETKDSK KQESKKSSLL SLVTGKKDVA KGSEGEPLPP VSEKEKGRKG VLVEAQLREE DLVRRPEKDA VPVASQWGSS QNPFEDAQIS DLEASVESKC EPKPPVPVPR TPQTRAVKPR PHPVKPMNTT APKITNSSLG TATIISENLI NEALMKKYQP SDPAFAYAQL THDELIQLVL KQKETISKKE FQVRELEDYI DNLLVRVMEE TPNILRVPAQ TGKKAGKM
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	71,143 Da
Sequence Positions	1-648, 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 Q3B7T9
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Rab11fip1 recombinant protein	MBS1431833 is a recombinant protein targeting Rab11fip1. Also known as Recombinant Rat Rab11 family-interacting protein 1 (Rab11fip1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Rab11fip1 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 Rab11fip1. It may not necessarily be applicable to this product.

NCBI GI #	308522754

NCBI GeneID	498650
NCBI Accession #	NP_001178484.1
UniProt Primary Accession #	Q3B7T9
UniProt Related Accession #	Q3B7T9
GenBank Nucleotide #	NM_001191555.1
NCBI Official Full Name	rab11 family-interacting protein 1 isoform 1
NCBI Official Synonym Full Names	RAB11 family interacting protein 1
NCBI Official Symbol	Rab11fip1
NCBI Official Synonym Symbols	RGD1562965; Rab11-FIP1
UniProt Protein Name	Rab11 family-interacting protein 1
UniProt Synonym Protein Names	Rab-coupling protein
Protein Family	Rab11 family-interacting protein
UniProt Gene Name	Rab11fip1
UniProt Synonym Gene Names	Rab11-FIP1
NCBI Protein Information	rab11 family-interacting protein 1
UniProt Comments for Rab11fip1	A Rab11 effector protein involved in the endosomal recycling process. Also involved in controlling membrane trafficking along the phagocytic pathway and phagocytosis ().
Research Articles on Rab11fip1	**1.** An interaction with Rab11 is necessary for long-range targeting of beta1 integrins to the growth cone along axons and in neurons.
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