Ras and Rab Interactor-Like Protein (RINL) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ras and Rab interactor-like protein (RINL), Recombinant Protein
Full Product Name	Recombinant Human Ras and Rab interactor-like protein (RINL)
Product Gene Name	RINL recombinant protein
Product Synonym Gene Name	RINL
Sequence	MAQPEDKAPE VPTEGVRLVP PQVNKADRTP LGVLSTLEPL TRLQRTWGVW HVPELDTQDA EALVGLWPLG SFLVTGRDPS QALVLRSGPL PGEVNTYQIQ KIPRGVSLES SNLCMPDLPH LLAFLSASRD VLPRTLLLPP PTLGPRDEHT DPVQIGRVQQ DTPGKVLSIV NQLYLETHRG WGREQTPQET EPEAAQRHDP APRNPAPHGV SWVKGPLSPE VDHPGPALAS LLEEEEEDLE GKEEGREDDP EEEGPEDVLT IHVQSLVRAR SSYVARQYRS LRVRIASDSG GPHGSGDPAT ELLQDVRHLL TDLQDHLAKD SYIRAVFGSR GPGLPKKDED PGPALETAVC QAVLAPLKPA LWTRLRTLRA PELRRLRRRQ TALRAGAGPP GAQGPGPEGQ SPAPALRSRI HERLAHLHAA CAPRRKVALL LEVCRDVYAG LARGENQDPL GADAFLPALT EELIWSPDIG DTQLDVEFLM ELLDPDELRG EAGYYLTTWF GALHHIAHYQ PETDRAPRGL SSEARASLHQ WHRRRTLHRK DHPRAQANLP FKEPWAEETV TGTSDN
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	50,053 Da
Sequence Positions	1-566, 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 Q6ZS11
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RINL recombinant protein	MBS1342335 is a recombinant protein targeting RINL. Also known as Recombinant Human Ras and Rab interactor-like protein (RINL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RINL 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 RINL. It may not necessarily be applicable to this product.

NCBI GI #	307938276
NCBI GeneID	126432

NCBI Accession #	NP_001182762.1
UniProt Primary Accession #	Q6ZS11
UniProt Secondary Accession #	B4DPG5
UniProt Related Accession #	Q6ZS11
GenBank Nucleotide #	NM_001195833.1
NCBI Official Full Name	ras and Rab interactor-like protein isoform 1
NCBI Official Synonym Full Names	Ras and Rab interactor like
NCBI Official Symbol	RINL
UniProt Protein Name	Ras and Rab interactor-like protein
Protein Family	Ras and Rab interactor-like protein
UniProt Gene Name	RINL
NCBI Protein Information	ras and Rab interactor-like protein
UniProt Comments for RINL	Guanine nucleotide exchange factor (GEF) for RAB5A and RAB22A that activates RAB5A and RAB22A by exchanging bound GDP for free GTP. Plays a role in endocytosis via its role in activating Rab family members ().
Research Articles on RINL	**1.** RINL, as a GEF for Rab5 subfamily, is implicated in the EphA8-degradation pathway via its interaction with odin.
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