Bridging Integrator 3 (BIN3) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Bridging integrator 3 (BIN3), Recombinant Protein
Full Product Name	Recombinant Human Bridging integrator 3 (BIN3)
Product Gene Name	BIN3 recombinant protein
Product Synonym Gene Name	BIN3
Sequence	MSWIPFKIGQ PKKQIVPKTV ERDFEREYGK LQQLEEQTRR LQKDMKKSTD ADLAMSKSAV KISLDLLSNP LCEQDQDLLN MVTALDTAMK RMDAFNQEKV NQIQKTVIEP LKKFGSVFPS LNMAVKRREQ ALQDYRRLQA KVEKYEEKEK TGPVLAKLHQ AREELRPVRE DFEAKNRQLL EEMPRFYGSR LDYFQPSFES LIRAQVVYYS EMHKIFGDLS HQLDQPGHSD EQRERENEAK LSELRALSIV ADD
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	23,218 Da
Sequence Positions	1-253, 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.
OMIM	606396
3D Structure	ModBase 3D Structure for Q9NQY0
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BIN3 recombinant protein	The product of this gene is a member of the BAR domain protein family. The encoded protein is comprised solely of a BAR domain which is predicted to form coiled-coil structures and proposed to mediate dimerization, sense and induce membrane curvature, and bind small GTPases. BAR domain proteins have been implicated in endocytosis, intracellular transport, and a diverse set of other processes.
Other Notes	Small volumes of BIN3 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 BIN3 purchase	MBS1402534 is a recombinant protein targeting BIN3. Also known as Recombinant Human Bridging integrator 3 (BIN3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BIN3. It may not necessarily be applicable to this product.

NCBI GI #	8923904
NCBI GeneID	55909

NCBI Accession #	NP_061158.1
UniProt Primary Accession #	Q9NQY0
UniProt Secondary Accession #	Q9BVG2; Q9NVY9
UniProt Related Accession #	Q9NQY0
GenBank Nucleotide #	NM_018688.4
NCBI Official Full Name	bridging integrator 3
NCBI Official Synonym Full Names	bridging integrator 3
NCBI Official Symbol	BIN3
UniProt Protein Name	Bridging integrator 3
Protein Family	Bridging integrator
UniProt Gene Name	BIN3
NCBI Protein Information	bridging integrator 3
UniProt Comments for BIN3	Involved in cytokinesis and septation where it has a role in the localization of F-actin.
Research Articles on BIN3	**1.** like RVS161, hob3+ and BIN3 regulate F-actin localization, but other roles for these genes have diverged somewhat during evolution
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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