Vesicle Transport Protein SEC20 (BNIP1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vesicle transport protein SEC20 (Bnip1), Recombinant Protein
Full Product Name	Recombinant Mouse Vesicle transport protein SEC20 (Bnip1), partial
Product Gene Name	Bnip1 recombinant protein
Product Synonym Gene Name	Bnip1
Sequence	MAAPQDVHVR ICNQEIVKFD LEVKALIQDI RDCSGPLSEL TELNTKVKEK FQQLKQRIQE LEQSAREQDK ESEKQLLLQE VENHKKQMLS NQTSWRKANL TCKLAIDNLE KAELLQGGDS LRQRKTTKES LAQTSSSITE SLMGISRMMS QQVQQSEEAM QTLVSSSRTL LDANEEFKSM SGTIQLGRKL ITKYNRREL
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	26,175 Da
Sequence Positions	1-199
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 Q6QD59
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Bnip1 recombinant protein	This gene is a member of the BCL2 adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector. Alternative splicing of this gene results in four protein products with identical N- and C-termini.
Other Notes	Small volumes of Bnip1 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 Bnip1 purchase	MBS1305947 is a recombinant protein targeting Bnip1. Also known as Recombinant Mouse Vesicle transport protein SEC20 (Bnip1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Bnip1. It may not necessarily be applicable to this product.

NCBI GI #	255003752
NCBI GeneID	224630
NCBI Accession #	NP_742161.4

UniProt Primary Accession #	Q6QD59
UniProt Secondary Accession #	Q5M9M2; B0V2Q1
UniProt Related Accession #	Q6QD59
GenBank Nucleotide #	NM_172149.5
NCBI Official Full Name	vesicle transport protein SEC20
NCBI Official Synonym Full Names	BCL2/adenovirus E1B interacting protein 1
NCBI Official Symbol	Bnip1
NCBI Official Synonym Symbols	Sec20; 2010005M06Rik; 5930429G21Rik
UniProt Protein Name	Vesicle transport protein SEC20
Protein Family	Vesicle transport protein
UniProt Gene Name	Bnip1
NCBI Protein Information	vesicle transport protein SEC20
UniProt Comments for Bnip1	SNARE that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER. Required for maintenance of ER network. Implicated in the suppression of cell death. May be involved in mitochondrial autophagy ().
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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