Vacuolar-Sorting Protein SNF8 (SNF8) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vacuolar-sorting protein SNF8 (SNF8), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Vacuolar-sorting protein SNF8 (SNF8)
Product Gene Name	SNF8 recombinant protein
Product Synonym Gene Name	SNF8
Sequence	MKQFGLAAFD ELKDGKYNDV NKTILEKQSV ELRDQLMVFQ ERLVEFAKKH NSELQASPEF RSKFMHMCSS IGIDPLSLFD RDKHLFTVND FYYEVCLKVI EICRQTKDMN GGVISFQELE KVHFRKLNVG LDDLEKSIDM LKSLECFEIF QIRGKKFLRS VPNELTSDQT KILEICSILG YSSISLLKAN LGWEAVRSKS ALDEMVANGL LWIDYQGGAE ALYWDPSWIT RQL
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	26,954 Da
Sequence Positions	1-233, 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 Q12483
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SNF8 recombinant protein	MBS1358259 is a recombinant protein targeting SNF8. Also known as Recombinant Saccharomyces cerevisiae Vacuolar-sorting protein SNF8 (SNF8). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SNF8 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 SNF8. It may not necessarily be applicable to this product.

NCBI GI #	6325255
NCBI GeneID	856105
NCBI Accession #	NP_015323.1
UniProt Primary Accession #	Q12483
UniProt Secondary Accession #	D6W410

UniProt Related Accession #	Q12483
GenBank Nucleotide #	NM_001183816.1
NCBI Official Full Name	ESCRT-II subunit protein SNF8
NCBI Official Symbol	SNF8
NCBI Official Synonym Symbols	VPL14; VPS22
UniProt Protein Name	Vacuolar-sorting protein SNF8
UniProt Synonym Protein Names	ESCRT-II complex subunit VPS22; Vacuolar protein-sorting-associated protein 22
Protein Family	Vacuolar-sorting protein
UniProt Gene Name	SNF8
UniProt Synonym Gene Names	VPS22
NCBI Protein Information	ESCRT-II subunit protein SNF8
UniProt Comments for SNF8	Component of the endosomal sorting complex required for transport II (ESCRT-II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex.
Research Articles on SNF8	**1.** we have isolated EAP30/SNF8/VPS22 subunit of the ESCRT-II complex as a RILP interacting protein. We demonstrated that VPS22 interacts with the N-terminal half of RILP.
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