Vacuolar Protein Sorting-Associated Protein 26b-B (vps26b-b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vacuolar protein sorting-associated protein 26B-B (vps26b-b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Vacuolar protein sorting-associated protein 26B-B (vps26b-b)
Product Gene Name	vps26b-b recombinant protein
Product Synonym Gene Name	vps26b-b
Sequence	MSFFGFGPAA ELDIALTDGE SRRRVEHKTE DGKKEKYFLF YDGETVSGRV TVSLRNPGKR LEHQGLKIEF IGQIELYYDR GNHHEFVSLV KDLARPGELS QSQSFDFEFT HVEKPYESYT GQNVKLRYFL RATLSRRLND VAKEMDIVVY TLSTYPELNS SIKMEVGIED CLHIEFEYNK SKYHLKDVIV GKIYFLLVRI KIKHMEIDII KRETTGTGPN VYHENDTIAK YEIMDGAPVR GESIPIRLFL AGYELTPTMR DINKKFSVRY YLNLVLIDEE ERRYFKQQEI VLWRKGDIVR KSMSHQAAIA SQRFEGTSHP ETRPQHSGAA ALEQEHE
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	39,202 Da
Sequence Positions	1-337, 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 Q6DFB9
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for vps26b-b recombinant protein	MBS1390245 is a recombinant protein targeting vps26b-b. Also known as Recombinant Xenopus laevis Vacuolar protein sorting-associated protein 26B-B (vps26b-b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of vps26b-b 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 vps26b-b. It may not necessarily be applicable to this product.

NCBI GI #	147898881
NCBI GeneID	446405
NCBI Accession #	NP_001086570.1

UniProt Primary Accession #	Q6DFB9
UniProt Related Accession #	Q6DFB9
GenBank Nucleotide #	NM_001093101.1
NCBI Official Full Name	vacuolar protein sorting-associated protein 26B-B
NCBI Official Synonym Full Names	VPS26 retromer complex component B S homeolog
NCBI Official Symbol	vps26b.S
NCBI Official Synonym Symbols	pep8b; vps26b; vps26b-a; vps26b-b
UniProt Protein Name	Vacuolar protein sorting-associated protein 26B-B
UniProt Synonym Protein Names	Vesicle protein sorting 26B-B
Protein Family	Vacuolar protein sorting-associated protein
UniProt Gene Name	vps26b-b
NCBI Protein Information	vacuolar protein sorting-associated protein 26B-B
UniProt Comments for vps26b-b	Acts as component of the retromer cargo-selective complex (CSC). The CSC is believed to be the core functional component of retromer or respective retromer complex variants acting to prevent missorting of selected transmembrane cargo proteins into the lysosomal degradation pathway. Retromer mediates retrograde transport of cargo proteins from endosomes to the trans-Golgi network (TGN) ().
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