Syntaxin-7 (STX7) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Syntaxin-7 (STX7), Recombinant Protein
Full Product Name	Recombinant Pongo abelii Syntaxin-7 (STX7), partial
Product Gene Name	STX7 recombinant protein
Product Synonym Gene Name	STX7
Sequence	SYTPGVGGD PAQLAQRISS NIQKITQCSA EIQRTLNQLG TPQDSPELRQ QLQQKQQYTN QLTKETDKYI KEFGSLPTTP SEQRQRKIQK DRLVGEFTTS LTNFQKVQRQ AAEREKEFVA RVRASSRVSG SFPEDSSKER NLVSWESQTQ PQVQVQDEEI TEDDLRLIHE RESSIRQLEA DIMDINEIFK DLGMMIHEQG DVIDSIEANV ENAEVHVQQA NQQLSRAADY QRKSRKTL
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	29,821 Da
Sequence Positions	2-238
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 Q5R602
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for STX7 recombinant protein	MBS1423250 is a recombinant protein targeting STX7. Also known as Recombinant Pongo abelii Syntaxin-7 (STX7), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of STX7 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 STX7. It may not necessarily be applicable to this product.

NCBI GI #	197101377
NCBI GeneID	100174669
NCBI Accession #	NP_001127590.1
UniProt Primary Accession #	Q5R602
UniProt Related Accession #	Q5R602

GenBank Nucleotide #	NM_001134118.1
NCBI Official Full Name	syntaxin-7
NCBI Official Symbol	STX7
NCBI Official Synonym Symbols	Syntaxin-7
UniProt Protein Name	Syntaxin-7
Protein Family	Syntaxin
UniProt Gene Name	STX7
NCBI Protein Information	syntaxin-7
UniProt Comments for STX7	May be involved in protein trafficking from the plasma membrane to the early endosome (EE) as well as in homotypic fusion of endocytic organelles. Mediates the endocytic trafficking from early endosomes to late endosomes and lysosomes ().
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