Syntaxin 7 (STX7) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Syntaxin 7 (STX7), Recombinant Protein
Full Product Name	Syntaxin 7 Protein, Rat, Recombinant (His Tag)
Product Gene Name	STX7 recombinant protein
Product Synonym Names	Rat STX7/Syntaxin 7 Protein (His Tag); syntaxin 7
Sequence	Ser2-Leu23 8
Host	HEK293 Cells
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Purity/Purification	>95% as determined by SDS-PAGE
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.
Matching Pairs	Antibody: STX7 (MBS8119610) Antigen: STX7 (MBS8123502)
Molecular Weight	29,851 Da
3D Structure	ModBase 3D Structure for O70257
Species	Rat
Endotoxin	<1.0EU per ug protein as determined by the LAL method.
Predicted N Terminal	His
Tag	N-His
Protein Construction	A DNA sequence encoding the rat STX7 (NP_068641.2)(Ser2-Leu238) was expressed with a polyhistidine tag at the N-terminus.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Related Product Information for STX7 recombinant protein	MBS8123502 is a recombinant protein targeting STX7. Also known as Syntaxin 7 Protein, Rat, Recombinant (His Tag). Host: HEK293 Cells.
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.



SDS-Page of STX7 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STX7. It may not necessarily be applicable to this product.

NCBI GI #	55741787
NCBI GeneID	60466
NCBI Accession #	NP_068641.2
UniProt Primary Accession #	O70257
UniProt Secondary Accession #	Q5U337
UniProt Related Accession #	O70257
GenBank Nucleotide #	NM_021869.2
NCBI Official Full Name	syntaxin-7
NCBI Official Synonym Full Names	syntaxin 7
NCBI Official Symbol	Stx7
UniProt Protein Name	Syntaxin-7
Protein Family	Syntaxin
UniProt Gene Name	Stx7
UniProt Entry Name	STX7_RAT
NCBI Protein Information	syntaxin-7
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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Online datasheet: https://www.mybiosource.com/stx7-recombinant-protein/syntaxin-7/8123502