

Syntaxin-7/STX7 Recombinant Protein | STX7 recombinant protein

Recombinant Human Syntaxin-7/STX7 Protein (N-6His)

CATALOG #
AAA174033

HOST
Human Cells

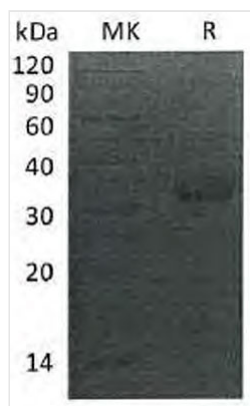
PRODUCT SYNONYMS

Syntaxin-7/STX7; Recombinant Human Syntaxin-7/STX7 Protein (N-6His); Syntaxin-7; STX7; syntaxin 7; STX7 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Sequence Positions	Ser2-Leu238
Sequence Length	261
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL test.
Fusion Tag	N-6His
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized protein should be stored at < -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for STX7 recombinant protein	Syntaxin 7 (STX7) is a member of a family of membrane-trafficking proteins named as soluble N-ethylmaleimide-sensitive factor attachment protein receptors (SNAREs), and mediates the endocytic trafficking from early endosomes to late endosomes and lysosomes. Syntaxin-7 has been shown to be present in both late endosomes and lysosomes, and to be required for both homotypic late endosome fusion and heterotypic fusion with lysosomes. STX7 has been shown to interact with STX8, VPS18, Vesicle-associated membrane protein 8 and VPS11.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1031698849
NCBI GeneID	8417
NCBI Accession #	NP_001313507.1
NCBI GenBank Nucleotide #	NM_001326578.1
UniProt Accession #	O15400; Q5SZW2; Q96ES9; E1P579
Molecular Weight	Molecular Mass: 28.0 kDa Actual Protein Molecular Mass: 31-36 kDa
NCBI Official Full Name	syntaxin-7 isoform a
NCBI Official Synonym Full Names	syntaxin 7
NCBI Official Symbol	STX7
NCBI Protein Information	syntaxin-7
UniProt Protein Name	Syntaxin-7
UniProt Gene Name	STX7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/stx7-recombinant-protein-human-cells/174033>