

Recombinant Human STX7 Protein, Fc-tagged

Cat. No. STX7-632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human STX7 (NP_003560.2) (Ser2-Leu238) was expressed with the Fc region of mouse IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	2-238 a.a.
Predicted N Terminal	Asp
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human STX7 consists 473 amino acids and predicts a molecular mass of 53.9 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name STX7 syntaxin 7 [Homo sapiens]

Official Symbol STX7

Synonyms STX7; syntaxin 7; syntaxin-7;

Gene ID 8417

mRNA Refseq NM_003569

Protein Refseq NP_003560

MIM 603217

UniProt ID O15400

Chromosome Location 6q23.1

Pathway Botulinum neurotoxicity, organism-specific biosystem; Disease, organism-specific biosystem; Neuronal System, organism-specific biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; Proteolytic cleavage of SNARE complex proteins, organism-specific biosystem; SNARE interactions in vesicular transport, organism-specific biosystem;

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