

Recombinant Human STX7, His-tagged

Cat. No. STX7-397H Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human STX7 (O15400-1) (Ser2-Leu238) was expressed with an N-terminal polyhistidine tag.
Species	Human
Source	Human Cells
ProteinLength	Ser2-Leu238
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human STX7 comprises 257 amino acids and has a predicted molecular mass of 29.6 kDa. The apparent molecular mass of the protein is approximately 35 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % 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 -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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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;

Function SNAP receptor activity; SNARE binding; protein complex binding;

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