

Recombinant Human STX6

Cat. No. STX6-31440TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein corresponding to amino acids 1-255 of Human Syntaxin 6 with a proprietary tag; predicted mwt: 54.16 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	255 amino acids
Description	Syntaxin-6 is a protein that in humans is encoded by the STX6 gene.
Molecular Weight	54.160kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, GlutathioneNote: Glutathione is reduced
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MSMEDPFFVVKGEVQKAVNTAQGLFQRWTELLQDPSTATREEIDWTTNELRNNLR SIEWDLEDLDETISIVEANPRKFNLDATELSIRKAFITSTRQVVRDMKQDMSTSSVQA LAERKNRQALLGDSGSQNWSTGTTDKYGRLDRELQRANSHFIEEQQAQQQLIVEQ

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QDEQLELVSGSIGVLKNMSQRIGGELEEQAVMLEDFSHELESTQSRLDNVMKKLAK
VSHMTSDRRQWCAIAILFAVLLVVLILFLVL

**Sequence
Similarities**

Belongs to the syntaxin family. Contains 1 t-SNARE coiled-coil homology domain.

GENE INFORMATION

Gene Name STX6 syntaxin 6 [Homo sapiens]

Official Symbol STX6

Synonyms STX6; syntaxin 6; syntaxin-6;

Gene ID 10228

mRNA Refseq NM_005819

Protein Refseq NP_005810

MIM 603944

Uniprot ID O43752

**Chromosome
Location** 1q25.3

Pathway

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

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Function

SNAP receptor activity; protein binding;

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