

Recombinant Human STX4

Cat. No. STX4-31439TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Syntaxin 4 with N terminal proprietary tag; predicted MWt: 36.74 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	101 amino acids
Description	Syntaxin-4 is a protein that in humans is encoded by the STX4 gene.
Molecular Weight	36.740kDa inclusive of tags
Tissue specificity	Expressed in neutrophils and neutrophil-differentiated HL-60 cells. Expression in neutrophils increases with differentiation.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris buffered saline, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids DKERVALVVHPGTARLGGSPDEEFFHKVVRTIRQTIVKLGNKVQELEKQQVTILATPLPE
ESMKQELQNLRLDEIKQLGREIRLQLKAIEPQKEEADENYSVN

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

GENE INFORMATION

Gene Name [STX4 syntaxin 4 \[Homo sapiens \]](#)

Official Symbol [STX4](#)

Synonyms STX4; syntaxin 4; STX4A, syntaxin 4A (placental); syntaxin-4; p35 2;

Gene ID [6810](#)

mRNA Refseq [NM_004604](#)

Protein Refseq [NP_004595](#)

MIM [186591](#)

Uniprot ID [Q12846](#)

Chromosome Location 16p11.2

Pathway Botulinum neurotoxicity, organism-specific biosystem; Clathrin derived vesicle budding, organism-specific biosystem; Disinhibition of SNARE formation, organism-specific biosystem; Hemostasis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem;

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Function

Rab GTPase binding; SNAP receptor activity; SNARE binding; protein binding; spectrin binding;

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