

# Recombinant Human STX4 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** STX4-4756H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	STX4 MS Standard C13 and N15-labeled recombinant protein (NP_004595) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	STX4 (Syntaxin 4) is a Protein Coding gene. Diseases associated with STX4 include Type 1 Diabetes Mellitus 10 and Leukodystrophy, Hypomyelinating, 6. Among its related pathways are Antigen processing-Cross presentation and Clathrin derived vesicle budding. Gene Ontology (GO) annotations related to this gene include SNARE binding and sphingomyelin phosphodiesterase activator activity. An important paralog of this gene is STX1B.
<b>Molecular Mass</b>	34.2 kDa
<b>AA Sequence</b>	MRDRTHELRQGDDSSDEEDKERVALVHPGTARLGSPDEEFFHKVVRTIRQTIVKLG NKVQELEKQQVTILATPLPEESMKQELQNLNRDEIKQLGREIRLQLKAIEPQKEEADEN YNSVNTRMRKTQHGVLSSQQFVELINKCNSMQSEYREKNVERIRRQLKITNAGMVSD EELEQMLDSGQSEVFVSNILKDTQVTRQALNEISARHSEIQQLERSIRELHDIFTFLAT EVEMQGEMINRIEKNILSSADYVERGQEHVKTALENQKKARKKKVLIACVSITVLLA VIIGTVVGTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	STX4 syntaxin 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	STX4
<b>Synonyms</b>	STX4; syntaxin 4; STX4A, syntaxin 4A (placental); syntaxin-4; p35 2; syntaxin 4A (placental); renal carcinoma antigen NY-REN-31; STX4A; p35-2;
<b>Gene ID</b>	6810
<b>mRNA Refseq</b>	NM_004604
<b>Protein Refseq</b>	NP_004595
<b>MIM</b>	186591
<b>UniProt ID</b>	Q12846

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SDS-PAGE



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