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

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

SPECIFICATION

Product Overview	STX4 MS Standard C13 and N15-labeled recombinant protein (NP_004595) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	34.2 kDa
AA Sequence	MRDRTHELRQGDDSSDEEDKERVALVVHPGTARLGSPDEEFFHKVRTIRQTIVKLG NKVQELEKQQVTILATPLPEESMKQELQNLRDEIKQLGREIRLQLKAIEPQKEEADEN YNSVNTRMRKTQHGVLSQQFVELINKCNSMQSEYREKNVERIRRQLKITNAGMVSD EELEQMLDSGQSEVFVSNILKDTQVTRQALNEISARHSEIQQLERSIRELHDIFTFLAT EVEMQGEMINRIEKNILSSADYVERGQEHVKTALENQKKARKKKVLIAICVSITVVLLA VIIGVTVVGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

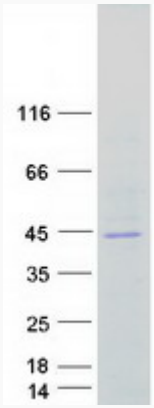
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	STX4 syntaxin 4 [Homo sapiens (human)]
Official Symbol	STX4
Synonyms	STX4; syntaxin 4; STX4A, syntaxin 4A (placental); syntaxin-4; p35 2; syntaxin 4A (placental); renal carcinoma antigen NY-REN-31; STX4A; p35-2;
Gene ID	6810
mRNA Refseq	NM_004604
Protein Refseq	NP_004595
MIM	186591
UniProt ID	Q12846

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SDS-PAGE	

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