

Recombinant Full Length Human STX4 Protein, C-Flag-tagged

Cat. No. STX4-1598HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human STX4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables sphingomyelin phosphodiesterase activator activity. Involved in several processes, including cornified envelope assembly; positive regulation of immune effector process; and positive regulation of protein localization. Located in several cellular components, including basolateral plasma membrane; cytoplasmic vesicle; and lamellipodium. Part of SNARE complex. Is active in glutamatergic synapse and postsynapse.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34 kDa
AA Sequence	MRDRTHELRQGDDSSDEEDKERVALLVHPGTARLGSPDEEFFHKVVRTIRQTIVKLG NKVQELEKQQVTIL ATPLPEESMKQELQNLNRDEIKQLGREIRLQLKAIEPQKEEADEN YNSVNTRMRKTQHGVLSQQFVELINK CNSMQSEYREKNVERIRRRQLKITNAGMVSD EELEQMLDSGQSEVFVSNILKDTQVTRQALNEISARHSEI QQLERSIRELHDIFTFLA TEVEMQGEMINRIEKNILSSADYVERGQEHVKTALENQKKARKKKVLIAICV SITVLLAVIIGVTVVGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	SNARE interactions in vesicular transport
Full Length	Full L.

GENE INFORMATION

Gene Name	STX4 syntaxin 4 [Homo sapiens (human)]
Official Symbol	STX4
Synonyms	STX4A; p35-2
Gene ID	6810
mRNA Refseq	NM_004604.5
Protein Refseq	NP_004595.2

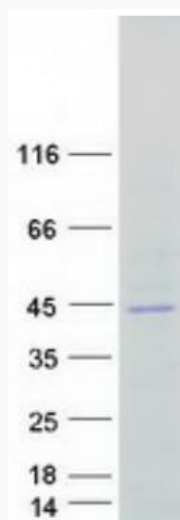
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MIM 186591

UniProt ID Q12846



Coomassie blue staining of purified STX4 protein.

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