

## Recombinant Human STX4 protein, GST-tagged

Cat. No. STX4-3734H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STX4 protein(1-272 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-272 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	MRDRTHELRQGDDSSDEEDKERVALVHPGTARLGSPDEEFFHKVVRTIRQTIVKLG NKVQELEKQQVTILATPLPEESMKQELQNLNRDEIKQLGREIRLQLKAIEPQKEEADEN YNSVNTRMRKTQHGVLSSQQFVELINKCNSMQSEYREKNVERIRRQLKITNAGMVSD EELEQMLDSGQSEVFVSNILKDTQVTRQALNEISARHSEIQQLERSIRELHDIFTFLAT EVEMQGEMINRIEKNILSSADYVERGQEHVKTALLENQKKARKK
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**GENE INFORMATION****Gene Name**

STX4 syntaxin 4 [ Homo sapiens ]

**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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