Recombinant Human STX4 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human STX4 protein(1-272 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-272 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MRDRTHELRQGDDSSDEEDKERVALVVHPGTARLGSPDEEFFHKVRTIRQTIVKLG NKVQELEKQQVTILATPLPEESMKQELQNLRDEIKQLGREIRLQLKAIEPQKEEADEN YNSVNTRMRKTQHGVLSQQFVELINKCNSMQSEYREKNVERIRRQLKITNAGMVSD EELEQMLDSGQSEVFVSNILKDTQVTRQALNEISARHSEIQQLERSIRELHDIFTFLAT EVEMQGEMINRIEKNILSSADYVERGQEHVKTALENQKKARKK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.

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Reconstitution	Reconstitute at 0.25 ḡ/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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