

Syntaxin-4 Recombinant Protein | STX4 recombinant protein

Recombinant Human Syntaxin-4

CATALOG # AAA38899	HOST E Coli
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PRODUCT SYNONYMS

Syntaxin-4; Recombinant Human Syntaxin-4; Syntaxin 4; syntaxin 4A (placental); STX4A; Renal carcinoma antigen NY-REN-31; p35-2.; STX4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	The STX4 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 40% glycerol.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGSHM u>MRDRTHEL RQGDDSSDEE DKERVALVH PGTARLGSPD</u> <u>EEFFHKVRTI RQTIVKLGNK VQELEKQQVT ILATPLPEES MKQELQNLRD EIKQLGREIR LQLKAIEPQK</u> <u>EEADENYNSV NTRMRKTQHG VLSQQFVELI NKCNSMQSEY REKNVERIRR QLKITNAGMV SDEEEQMLD</u> <u>SGQSEVFVSN ILKDTQVTRQ ALNEISARHS EIQLERSIR ELHDIFTFLA TEVEMQGEMI NRIEKNILSS</u> <u>ADYVERGQEH VKTALENQKK ARKKKVL</u>
Sequence Length	295
Physical Appearance	The STX4 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 40% glycerol.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for STX4 recombinant protein	Description: STX4 Human Recombinant produced in E Coli is a single polypeptide chain containing 300 amino acids (1-275) and having a molecular mass of 34.7 kDa. STX4 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Syntaxin 4 (STX4) is a member of the syntaxin/epimorphin family of proteins. The Syntaxin family is cellular receptors for transport vesicles which participate in exocytosis in neutrophils. Syntaxin 4 is vital for normal insulin-stimulated glucose uptake in skeletal muscle and decline in STX4 protein levels lead to reduction of whole-body insulin-stimulated glucose metabolism. STX4 is expressed in neutrophils and neutrophil-differentiated HL-60 cells. The STX4 expression in neutrophils increases with differentiation.
Product Categories/Family for STX4 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Syntaxin

NCBI AND UNIPROT INFORMATION

NCBI GI #	443287677
NCBI GeneID	6810
NCBI Accession #	NP_001259025.1
NCBI GenBank Nucleotide #	NM_001272096.1
UniProt Accession #	Q12846 ; Q15525 ; Q6FHE8 ; A8MXYO

NCBI Official Full Name	syntaxin-4 isoform 2
NCBI Official Synonym Full Names	syntaxin 4
NCBI Official Symbol	STX4
NCBI Official Synonym Symbols	STX4A; p35-2
NCBI Protein Information	syntaxin-4; renal carcinoma antigen NY-REN-31; syntaxin 4A (placental)
UniProt Protein Name	Syntaxin-4
UniProt Gene Name	STX4
UniProt Synonym Gene Names	STX4A
UniProt Entry Name	STX4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/stx4-recombinant-protein-e-coli/38899>