

32-4998: Recombinant Human Syntaxin-4

Alternative Name : Syntaxin 4, syntaxin 4A (placental), STX4A, Renal carcinoma antigen NY-REN-31, p35-2.

Description

Source : E.coli. 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. 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 Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The STX4 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 40% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSMMRDRT HELRQGDDSS DEEDKERV VVHPGTARLG SPDEEFFHKV RTIRQTIVKL GNKVQELEKQ QVTILATPLP EESMKQELQN LRDEIKQLGR EIRLQLKAIE PQKEEADENY NSVNTRMRKT QHGVLSQQFV ELINKCSMQ SEYREKNVER IRRQLKITNA GMVSDEELEQ MLDSGQSEVF VSNILKDTQV TRQALNEISA RHSEIQQLER SIRELHDIFT FLATEVEMQG EMINRIEKNI LSSADYVERG QEHVKTALEN QKKARKKKVL