9051 Mira Mesa Blvd, #910094
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STX4 Human

Syntaxin-4 Human Recombinant
RCP2287

Product Overview

Name	STX4 Human
Description	
Syntaxin-4 Human Recombinant	
Accession (Primary)	Q12846
Synonyms	
Syntaxin 4, syntaxin 4A (placental), STX4A, Renal carcinoma antigen NY-REN-31, p35-2.	
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 regulation of glucose metabolism uptake in skeletal muscle and decline in STX4 protein levels lead to reduction of whole-body hormone-stimulated glucose metabolism. STX4 is expressed in neutrophils and neutrophil-differentiated HL-60 cells. The STX4 expression in neutrophils increases with differentiation.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The STX4 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 40% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM MRDRT HELRQGDDSS DEEDKERVAL VVHPGTARLG SPDEEFFHKV RTIRQTIVKL GNKVQELEKQ QVTILATPLP EESMKQELQN LRDEIKQLGR EIRLQLKAIE PQKEEADENY NSVNTRMRKT QHGVLSQQFV ELINKCNSMQ SEYREKNVER IRRQLKITNA GMVSDEELEQ MLDSGQSEVF VSNILKDTQV TRQALNEISA RHSEIQQLER SIRELHDIFT FLATEVEMQG EMINRIEKNI LSSADYVERG	

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QEHVKTALEN QKKARKKKVL

Precautions

STX4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q12846)