

Syntaxin-4 Human Recombinant

Item Number	rAP-4908
Synonyms	Syntaxin 4, syntaxin 4A (placental), STX4A, Renal carcinoma antigen NY-REN-31, p35-2.
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.
Uniprot Accession Number	Q12846
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMMRDRT 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 QEHVKTALEN QKKARKKKVL
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The STX4 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 40% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**