

Syntaxin-2 Human Recombinant

Item Number	rAP-4907
Synonyms	Syntaxin 2, epimorphin, EPM, EPIM, STX2A, STX2B, STX2C.
Description	STX2 Human Recombinant produced in E. coli is a single polypeptide chain containing 289 amino acids (1-264) and having a molecular mass of 33.6 kDa. STX2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P32856
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMMRDRL PDLTACRKND DGDVVVVEK DHFMDDFFHQ VEEIRNSIDK ITQYVEEVKK NHSIILSAPN PEGKIKEELE DLNKEIKKTA NKIRAKLKAI EQSFDQDESG NRTSVDLRIR RTQHSVLSRK FVEAMAEYNE AQTLFRERSK GRIQRQLEIT GRTTDDDELE EM- LESGKPSI FTSDIISDSQ ITRQALNEIE SRHKDIMKLE TSIRELHEMF MDMAMFVETQ GEMINNIERN VMNATDYVEH AKEETKKAIAK YQSKARRKK
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 STX2 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 50% glycerol. Greater than 95% 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**