

Syntaxin-12 Human Recombinant

Item Number	rAP-4905
Synonyms	Syntaxin 12, STX13, STX14.
Description	STX12 Human Recombinant produced in E. coli is a single polypeptide chain containing 272 amino acids (1-248) and having a molecular mass of 31.0kDa. STX12 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q86Y82
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSYGPL DMYRNPGPSG PQLRDFSSII QTCSGNIQRI SQATAQIKNL MSQLGTKQDS SKLQENLQQL QHSTNQLAKE TNELLKELGS LPLPLSTSEQ RQQLQKERL MNDFSAALNN FQAVQRRVSE KEKESIARAR AGSRLSAEER QREEQLVSFD SHEEWNQMQS QEDEVAITEQ DLELIKERET AIRQLEADIL DVNQIFKDLA MMIHDQQGLI DSIEANVSS EVHVERATEQ LQRAAYYQKK SR
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 STX12 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 1mM DTT and 20% 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**