

Syntaxin-1A Human Recombinant

Item Number	rAP-4913
Synonyms	STX1, HPC-1, p35-1, Syntaxin-1A, Neuron-specific antigen HPC-1, STX-1A, STX1A.
Description	Syntaxin-1A Human Recombinant fused to N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing 226 amino acids (1-226) and having a molecular mass of 26.1 kDa.Recombinant Human STX1A contains N-terminal domain (Habc) and t_SNARE domain (H3 domain).
Uniprot Accession Number	Q16623
Amino Acid Sequence	MKDRTQELRT AKDSDDDDDV AVTVDRDRFM DEFFEQVEEI RGFIDKIAEN VEEVKRKHSA ILASP-NPDEK TKEELEELMS DIKKTANKVR SKLKSIEQSI EQEEGLNRSS ADLRIRKQTH STLSRKFEV MSEY-NATQSD YRERCKGRIQ RQLEITGRIT TSEELEDMLE SGNPAIFASG IIMDSSISKQ ALSEIETRHS EII-KLENSIR ELHDMFMDMA MLVESQ.
Source	Escherichia 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 protein solution contains 20mM Tris-HCl pH7.5, 10% glycerol, and 1mM DTT. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis 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**