

Serine/Threonine/Tyrosine Interacting Protein Human Recombinant

Item Number	rAP-1404
Synonyms	Serine/threonine/tyrosine-interacting protein, Protein tyrosine phosphatase-like protein, STYX, FLJ42934.
Description	STYX Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 247 amino acids (1-223) and having a molecular mass of 28kDa. STYX is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q8WUJ0
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMEDVKL EFPSLPQCKE DAEEWTPMR REMQEILPGL FLGPYS-SAMK SKLPVLQKHG ITHIICIRQN IEANFIKPNF QQLFRYLVLD IADNPVENII RFFPMTKEFI-DGSLQMGGKV LVHGNAGISR SAAFVIAYIM ETFGMKYRDA FAYVQERRFCINPNAGFVHQ LQEYEAI-YLA KLTIQMMSPL QIERSLSVHS GTTGSRKTH EEEEDDFGTMQ VATAQNG.
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 STYX solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 1mM DTT and 0.1M NaCl. Greater than 85% 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**