

Tyrosylprotein Sulfotransferase 1 Human Recombinant

Item Number	rAP-2044
Synonyms	Tyrosylprotein Sulfotransferase 1, EC 2.8.2.20, TPST-1, Transport And Golgi Organization 13 Homolog A (Drosophila), Transport And Golgi Organization 13 Homolog A, Protein-Tyrosine Sulfotransferase 1, Tyrosylprotein Sulfotransferase-1, TANGO13A, TPST1.
Description	TPST1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 369 amino acids (26-370 a.a) and having a molecular mass of 42kDa. TPST1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O60507
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH TGSMQHAMEC HHRIEERSQP VKLESTRTTV RTGLDLKANK TFAYHKDMPL IFIGGVPRSG TTLMRAMLDA HPDIRCGEET RVIPRILALK QMWSRSSKEK IRLDEAGVTD EVLDSAMQAF LLEIIVKHGE PAPYLCNKDP FALKSLTYLS RLFNPAKFL MVRDGRASVH SMISRKVTIA GFDLNSYRDC LTKWNRAIET MYNQCMEVGY KKCMLVHYEQ LVLHPERWMMR TLLKFLQIPW NHSVLH- HEEM IGKAGGVLSL KVERSTDQVI KPVNVGALSK WVGKIPPDVL QDMAVIAPML AKLGYPYAN PPNYGKDPDK IENTRRVYK GEFQLPDFLK EKPQTEQVE.
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	TPST1 protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol. Greater than 90.0% 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**