

## Tyrosylprotein Sulfotransferase 2 Human Recombinant

<b>Item Number</b>	rAP-2016
<b>Synonyms</b>	Protein-tyrosine sulfotransferase 2, EC 2.8.2.20, Tyrosylprotein sulfotransferase 2, TPST-2, TPST2, TANGO13B.
<b>Description</b>	TPST2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 375 amino acids (26-377) and having a molecular mass of 41kDa. TPST2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O60704
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSQQVLECR AVLAGLRSPR GAMRPEQEEL VMVGTNHVEY RYGKAMPLIF VGGVPRSGTT LMRAMLDAHP EVRCGEETRI IPRVLAMRQA WSKSGREKLR LDEAG-VTDEV LDAAMQAFIL EVIAKHGEP A RVLCNKDPFT LKSSVYLSRL FPNSKFLLMV RDGRASVHSM ITRKVTIAGF DLSSYRDCLT KWNKAIEVMY AQCMEVGKEK CLPVVYEQLV LHPRRSLKLI LDFLGIAWSD AVLHHEDLIG KPGGVSLSKI ERSTDQVIK V NLEALSKWT GHIPGDVVRD MAQIAPMLAQ LGYDPYANPP NYGNPDPFVI NNTQRVLKGD YKTPANLKG Y FQVNQNSTSS HLGSS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The TPST2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**