

## 32-2862: TPST2 Recombinant Protein

**Alternative Name :** Protein-tyrosine sulfotransferase 2, EC 2.8.2.20, Tyrosylprotein sulfotransferase 2, TPST-2, TPST2, TANGO13B.

### Description

Source : Escherichia Coli. 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. Tyrosylprotein Sulfotransferase 2 (TPST2) is a member of the protein sulfotransferase family. TPST2 is a widely expressed protein, which catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. The TPST2 protein is a type II integral membrane protein located in the Golgi body.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** The TPST2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSQQVLECR AVLAGLRSPR GAMRPEQEEL VMVGTNHVEY RYKAMPLIF VGGVPRSGTT LMRAMLD AHP EVRCGEETRI IPRVLAMRQA WSKSGREKLR LDEAGVTDEV LDAAMQAFIL EVIAKHGEP A RVLCNKDPFT LKSSVYLSRL FPNSKFLLMV RDGRASVHSM ITRKVTIAGF DLSSYRDCLT KWNKAIEVMY AQCMEVGKEK CLPVYYEQLV LHPRRSLKLI LDFLGIAWSD AVLHHEDLIG KPGGVLSLSKI ERSTDQVIKP VNLEALSKWT GHIPGDVVRD MAQIAPMLAQ LGYDPYANPP NYGNPDPFVI NNTQRVLKGD YKTPANLKG Y FQVNQNSTSS HLGSS.

