

Recombinant Human tyrosylprotein sulfotransferase 2, His-tagged

Cat. No. TPST2-581H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TPST2, 26-377aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	26-377 a.a.
Description	TPST2 catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. The protein is a type II integral membrane protein found in the Golgi body. Two transcript variants encoding the same protein have been found for this gene. Recombinant human TPST2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol.
Molecular Mass	41 kDa (375aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSQQVLECR AVLAGLRSPR GAMRPEQEEL VMVGTDNHVEY RYGKAMPLIF VGGVPRSGTT LMRAMLDAHP EVRCGEETRI IPRVLAMRQA WSKSGREKLR LDEAGVTDEV LDAAMQAFIL EVIAKHGEPA RVLCNKDPFT LKSSVYLSRL FPNSKFLLMV RDGRASVHSM ITRKVTIAGF DLSSYRDCLT KWNKAIEVMY AQCMEVGKEK CLPVYYEQLV LHPRRSLKLI LDLFLGIAWSD AVLHHEDLIG KPGGVSLSKI ERSTDQVIKP VNLEALSKWT

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GHIPGDVVRD MAQIAPMLAQ LGYDPYANPP NYGNPDPFVI NNTQRVLKGD
YKTPANLKG Y FQVNQNSTSS HLGSS

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name TPST2 tyrosylprotein sulfotransferase 2 [Homo sapiens]

Official Symbol TPST2

Synonyms TPST2; tyrosylprotein sulfotransferase 2; protein-tyrosine sulfotransferase 2; TPST-2; tyrosylprotein sulfotransferase-2; tyrosylprotein phosphotransferase 2;

Gene ID 8459

mRNA Refseq NM_001008566

Protein Refseq NP_001008566

MIM 603126

UniProt ID O60704

Chromosome Location 22q12.1

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Function

protein-tyrosine sulfotransferase activity; transferase activity;

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