

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	<p>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.</p>
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol.
Molecular Mass	41 kDa (375aa)
AA Sequence	<p>MGSSHHHHHH SGLVPRGSH MGSQQVLECR AVLAGLRSRPR GAMRPEQEEL VMVGTNHVEY RYGKAMPLIF VGGVPRSGTT LMRAMLDAHP EVRCGEETRI IPRVLAMRQA WSKSGREKLR LDEAGVTDEV LDAAMQAFIL EVIAKHGEP RVLCNKDPFT LKSSVYLSRL FPNSKFLLMV RDGRASVHSM ITRKVTIAGF DLSSYRDCLT KWNKAIEVMY AQCMEVGKEK CLPVYYEQLV LHPRRSLKLI LDFLGIWSD AVLHHEDLIG KPGGVSLSKI ERSTDQVIKP VNLEALSKWT</p>

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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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