

Product information



TPST2, 26-377aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2096

Full name: Protein-tyrosine sulfotransferase 2

NCBI Accession No.: NP_001008566

Synonyms: Tyrosylprotein sulfotransferase 2

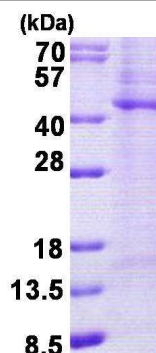
Description: TPST2 catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. The protein is a type II integral membrane protein found in the Golgi body. Two transcript variants encoding the same protein have been found for this gene. Recombinant human TPST2 protein, fused to His-tag 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 Weight: 41 kDa (375aa)

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSSLVPRGSH MGSQQVLECR AVLAGLRSPR GAMRPEQEEL VMVGTNHVEY RYKAMPLIF VGGVPRSGTT LMRAMLDAHP
EVRCGEETRI IPRVLAMRQA WSKSGREKLR LDEAGVTDEV LDAAMQAFIL EVIAKHGEPA RVLGNKDPFT LKSSVYLSRL FPNSKFLLMV
RDGRASVHSM ITRKVTIAGF DLSSYRDCLT KWNKAI EVMY AQCMEVGKEK CLPVVYEQLV LHPPRSLKLI LDFLGI AWS DAVLHHEDLIG
KPGGVLSLSKI ERSTDQVIKP VNLEALSKWT GHIPGDVVRD MAQIAPMLAQ LGYDPYANPP NYGNPDPFVI NNTQRVLKGD YKTPANLKG Y
FQVNQNSTSS HLGSS

General references:

Danan LM, Yu Z, *et al.* (2008). *J Am Soc Mass Spectrom.* 19(10):1459-66.

Yu Y, Hoffhines AJ, *et al.* (2007). *Nat Methods.* 4(7):583-8.

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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