

Recombinant Human TPST2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TPST2-2571H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TPST2 MS Standard C13 and N15-labeled recombinant protein (NP_001008566) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. The encoded protein is a type II integral membrane protein found in the Golgi body. Alternative splicing produces multiple transcript variants encoding distinct isoforms.
Molecular Mass	41.9 kDa
AA Sequence	MRLSVRRVLLAAGCALVLVLAVQLGQQVLECRVLAGLRSPRGAMRPEQEELVMV GTNHVEYRYGKAMPLIFVGGVPRSGTTLMRAMLDHPEVRCGEETRIIPRVLAMRQ AWSKSGREKLRLDEAGVTDEVLDAAQAFLEVIKHHGEPARVLCNKDPFTLKSSVY LSRLFPNSKFLMVRDGRASVHSMITRKVTIAGFDLSSYRDCLTKWNKAEVVMYAQC MEVGKEKCLPVYYEQLVLHPRRSLKLILDFLGIAWSDAVLHHEDLIGKPGGVSLSKIE RSTDQVIKPVNLEALSKWTGHIPGDVVRDMAQIAPMLAQLGYDPYANPPNYGNPDP FVINNTQRVLKGDYKTPANLKG YFQVNQNSTSSHLGSSTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

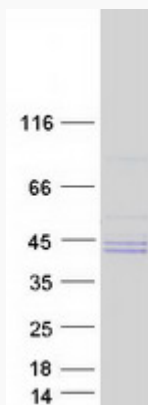
GENE INFORMATION

Gene Name	TPST2 tyrosylprotein sulfotransferase 2 [Homo sapiens (human)]
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

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SDS-PAGE

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