

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

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

## SPECIFICATION

<b>Product Overview</b>	TPST2 MS Standard C13 and N15-labeled recombinant protein (NP_001008566) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	41.9 kDa
<b>AA Sequence</b>	<p>MRLSVRRVLLAAGCALVVLAVQLGQQVLECRVLAGLRSPRGAMRPEQEELVMV            GTNHVEYRYGKAMPLIFVGGVPRSGTLLMRAMLDHPEVRCGEETRIIPRVLAMRQ            AWSKSGREKLRLDEAGVTDEVLDAA MQAFIVIAKHGEPARVLCNKDPFTLKSSVY            LSRLFPNSKFLMVRDGRASVHSMITRKVTIAGFDLSSYRDCLTKWNKAIEVMYAQC            MEVGKEKCLPVVYEQVLVHPRRSLKLILDFLGIAWSDAVLHHEDLIGKPGGVSLSKIE            RSTDQVIKPVNLEALSKWTGHIPGDVVRDMAQIAPMLAQLGYDPYANPPNYGNPDP            FVINNTQRVLKGDYKTPANLKG YFQVNQNSTSSHLGSSTRTRPLEQKLISEEDLAAN            DILDYKDDDDKV</p>
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

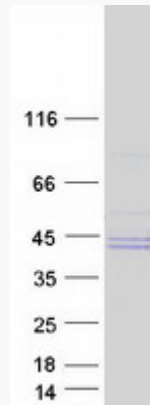
<b>Gene Name</b>	TPST2 tyrosylprotein sulfotransferase 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TPST2
<b>Synonyms</b>	TPST2; tyrosylprotein sulfotransferase 2; protein-tyrosine sulfotransferase 2; TPST-2; tyrosylprotein sulfotransferase-2; tyrosylprotein phosphotransferase 2;
<b>Gene ID</b>	8459
<b>mRNA Refseq</b>	NM_001008566
<b>Protein Refseq</b>	NP_001008566
<b>MIM</b>	603126
<b>UniProt ID</b>	O60704

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**SDS-PAGE**



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