

Product datasheet for **TP304969L**

TPST2 (NM_001008566) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tyrosylprotein sulfotransferase 2 (TPST2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204969 protein sequence Red =Cloning site Green =Tags(s)
	<p>MRLSVRRVLLAAGCALVLLAVQLGQQVLECRVLAGLRSPRGAMRPEQEELVMVGTNHVEYRYGKAMPL IFVGGVPRSGTTLMRAMLDHAHPEVRCGEETRIIPRVLAMRQAWSKSGREKRLRDEAGVTDEVLDAAAMQAF ILEVIAKHGEPARVLCNKDPFTLKSSVYLSRLFNSKFLLMVRDGRASVHSMITRKVTIAGFDLSSYRDC LTKWNKAIEVMYAQCMEVGKEKCLPVYYEQLVLHPRRSLKILDFLGIWSDAVLHHEDLIGKPGGVSL KIERSTDQVIKPVNLEALSKWTGHIPGDVVRDMAQIAPMLAQLGYDPYANPPNYGNPDFVINNTQRVLK GDYKTPANLKG YFQVNQNSTSSHLGSS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	41.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001008566</u>



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Locus ID: 8459

UniProt ID: [O60704](#), [A0A024R1G9](#)

RefSeq Size: 2018

Cytogenetics: 22q12.1

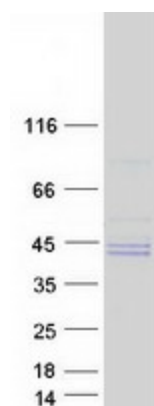
RefSeq ORF: 1131

Synonyms: TANGO13B; TPST-2

Summary: 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. [provided by RefSeq, May 2018]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TPST2 protein (Cat# [TP304969]). The protein was produced from HEK293T cells transfected with TPST2 cDNA clone (Cat# [RC204969]) using MegaTran 2.0 (Cat# [TT210002]).