

Product datasheet for PH304969

TPST2 (NM_001008566) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TPST2 MS Standard C13 and N15-labeled recombinant protein (NP_001008566)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204969
Predicted MW:	41.9 kDa
Protein Sequence:	>RC204969 protein sequence Red=Cloning site Green=Tags(s) MRLSVRRVLLAAGCALVVLAVQLGQQVLECRVLAGLRSRPGAMRPEQEELVMVGTNHVEYRYGKAMPL IFVGGVPRSGTTLMRAMLDHPEVRCGEETRIIPRVLAMRQAWSKSGREKLRLEAGVTDEVLDAAAMQAF ILEVIAKHGEPARVLCNKDPFTLKSSVYLSRFPNSKFLLMVRDGRASVHSMITRKVTIAGFDLSSYRDC LTKWNKAIIEVMAQCMEVGKEKCLPVYYEQLVHPRRSLKILDFLGIAWSDAVLHHEDLIGKPGGVSL KIERSTDQVIKPVNLEALSKWTGHIPGDVVRDMAQIAPMLAQLGYDPYANPPNYGNPDPFVINNTQRVLK GDYKTPANLKGYPVQVQNSTSSHLGSS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001008566</u>
RefSeq Size:	2018
RefSeq ORF:	1131
Synonyms:	TANGO13B; TPST-2
Locus ID:	8459



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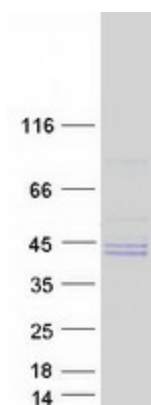
UniProt ID: [O60704](#), [A0A024R1G9](#)

Cytogenetics: 22q12.1

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]).