

Product datasheet for **TP302609L**

TRPT1 (NM_031472) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tRNA phosphotransferase 1 (TRPT1), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202609 protein sequence Red =Cloning site Green =Tags(s)
	 MGADGFVPLGTLQLPQFRGFS AEDVQRVVD TNRKQRFALQLGDPSTGLLIRANQGHSLQVPKLELMPL TPQALPPMLVHGTFWKHWPSILLKGLSCQGRTHIHLAPGLPGDPGIISGMRS HCEIAVFIDGPLALADGI PFFRSANGVILTPGNTDGFLLPKYFKEALQRPTRKPLSLAGDEETECQSSPKHSSRERRRIQQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	22.2 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_113660</u>
Locus ID:	83707
UniProt ID:	<u>Q86TN4</u> , <u>A0A024R5C2</u>
RefSeq Size:	987



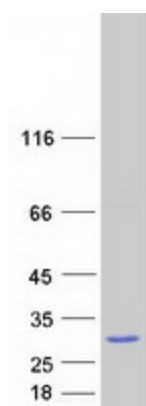
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Cytogenetics: 11q13.1

RefSeq ORF: 612

Summary: Catalyzes the last step of tRNA splicing, the transfer of the splice junction 2'-phosphate from ligated tRNA to NAD to produce ADP-ribose 1"-2" cyclic phosphate.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TRPT1 protein (Cat# [TP302609]). The protein was produced from HEK293T cells transfected with TRPT1 cDNA clone (Cat# [RC202609]) using MegaTran 2.0 (Cat# [TT210002]).