

## Product datasheet for **TP302609**

### TRPT1 (NM\_031472) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tRNA phosphotransferase 1 (TRPT1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202609 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGADGFVPLGTLQLPQFRGFS AEDVQRVDTNRKQRFALQLGDPSTGLLIRANQGHSLQVPKLELMPL  
TPQALPPMLVHGTFWKHWP SILLKGLSCQGRTHIHLAPGLPGDPIISGMRS HCEIAVFDGPLALADGI  
PFFRSANGVILTPGNTDGFLLPKYFKEALQLRPTRKPLSLAGDEETECQSSPKHSSRERRRIQQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<a href="#">NP_113660</a>
Locus ID:	83707
UniProt ID:	<a href="#">Q86TN4</a> , <a href="#">A0A024R5C2</a>



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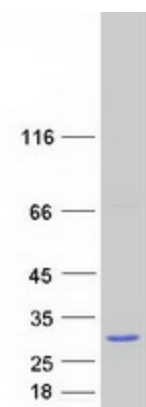
RefSeq Size: 987

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]).