

Product datasheet for **SC107591**

TRPT1 (NM_031472) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRPT1 (NM_031472) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRPT1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031472, the custom clone sequence may differ by one or more nucleotides

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ATGGGAGCTGATGGCTTCGTGCCCTGGGCACCCTCCTGCAGTTGCCCCAGTTCGCGGCTTCTCTGCTG
AAGATGTGCAGCGCGTGGTGGACACCAATAGGAAGCAGCGGTCGCCCTGCAGCTGGGGATCCCAGCAC
TGGCCTTCTCATCCGGGCCAACCAGGGCCATTCCTGCAGGTACCTAAGTTGGAGCTGATGCCCTGGAG
ACACCGCAGGCCCTGCCCCGATGCTAGTCCATGGTACATTCTGGAAGCACTGGCCATCCATCCTACTCA
AAGGCCTGTCCTGCCAGGGAAGGACGCACATTACCTGGCCCCAGGACTGCCTGGAGACCCCGGTATCAT
CAGTGGCATGCGGTCCCATTGTGAAATAGCTGTGTTTCATCGATGGACCCCTGGCTCTGGCAGATGGAATA
CCCTTCTCCGCTCTGCCAATGGGGTATTCTGACTCCAGGGAATACTGATGGCTTCTCCTTCCCAAGT
ACTTCAAGGAGGCCCTGCAGCTACGCCCTACCCGAAAGCCCTTCTTGGCTGGTATGAAGAGACAGA
GTGTCAGAGTAGCCCAAGCACAGCTCCAGAGAAAGGAGGAGGATCCAACAATAA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_031472 unedited GCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACTTTTTAAAATTTCTTTTTTAT AAATTAATATTTTATTGTTGGATCCTCCTCTCTGGAGCTGTGCTTGGGGCTACTC TGACACTCTGTCTTTCATCACCAGCCAAGGAAAGGGCTTTCCGGTAGGGCGTAGCTGC AGGGCCTCCTTGAAGTACTTGGGAAGGAGGAAGCCATCAGTATTCCTGGAGTCAGAATC ACCCCATTGGCAGAGCGGAAGAAGGGTATTCCATCTGCCAGAGCCAGGGTCCATCGATG AACACAGCTATTTCACAATGGGACCGCATGCCACTGATGATACCGGGGTCTCCAGGCAGT CCTGGGGCCAGGTGAATGTGCGTCTTCCCTGGCAGGACAGGCCTTTGAGTANGATGGAT GGCCAGTGCTTCCAGAATGTACCATGGACTAGCATCGGNGGCAGGGCCTGCGGTGTCTCC AGGGGCATCAGCTCCAATTANGTACCTGCAGGGAATGGCCCTGGTGGCCNGATGANA ANNGCCAGTGCTGGATCCCCAGCTGCAGGGCGAACCGCTGCTTCTATTGGTGTCCACC ACGCGTGCACATCTTCAGCAGAGAAGCCGCGAACTGGGGCACTGCANGAGGGNNTGC CAGGGNCACGAAGCCCATCTGTGGCAAGCAGGTTGCTCANGAGCTAACCTGTCTGGAC TGGGCCAGGGTTACAGGGAGCACAGGCACCCGAACCAAGTCTGGCCTTGAGATCGCTTGG CATCCTTTGGGGAACTTAAAAGCTTCCCTTTCTGGCCGAGTTTTTCACTTAACTAAAA GAGATCTGCCTACGAGGGCAAGGAGGGAATGCCACATACCCTGGCCGATTGCCTAC ACCACACTGGCCGTCCCTCAGGGTTGCCTTGGGTAAGCTAACTGCTGCTGGTGGAGGGG CGGCCAAGCCTGCCAAAAAATTCTAATTGTGGGACGAAAGGCTTTGCCTGCCTCCTTG CGGGAGA
Restriction Sites:	NotI-NotI
ACCN:	NM_031472
Insert Size:	1500 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_031472.2</u> , <u>NP_113660.1</u>
RefSeq Size:	883 bp
RefSeq ORF:	615 bp
Locus ID:	83707
UniProt ID:	<u>Q86TN4</u>
Cytogenetics:	11q13.1

Domains: PTS_2-RNA

Gene 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]