

Product datasheet for **SC127433**

TRPT1 (AK026364) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRPT1 (AK026364) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRPT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK026364, the custom clone sequence may differ by one or more nucleotides

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TTTTTTTTTTCATTGGCGGGTCCGCCGCGGTGAGGATCCTGGAGGTTTGTCCCGCCGCCCCGACGCTT
CCGCCCGGTCCGTCCGCACGTCCGCCCTGCCTCCCGACCACCTGCGGGGCGCACACGCGATCTGGGGT
GCGGGGCTCGGCCTCCCTCGCCTCCTGGCTGACGGTGTGACCTTGGGTCTTAACCATGAACCTCTCTGGA
GGAGGGAGGCAGGAAGCAGCAGGGTCCAGGGGTAGAAGGGCTCCAGACCCGAGAACAGGACCGAGACG
TGCAGCTGTCCAAGGCTCTGTCTATGCCTGCGCCATGGGGCTTGAAGCTGGGGCTTCCCATGGGAGC
TGGTAAGTAGGGGCTTGGAGGCTGGGGCTTGGAGCCAGAGAGAAACGTGAGCCTGTCTGCGACTCCTCC
CTGATGGTGCCTCCACCCTCCCTGAGGAAGGCACAGAGTGCACCTTCTCCCATGCACAGAGGAGAGC
AAGGCCTAGAGCCCTGTCTGTCCACAGCAGACTGAGGAGAGTTCTTGTCTGGGCCAGGCTGGTGACC
GCCCCCTCAGCCAAGCAGCCAGATCAGCACTTACCCGAGGGCGAGCCCTGGAGGGTACGGTGCAGCTG
GTGGTGTGAGTGTGCACTCCGGGCCAGCGCTATGCTGGGCACTCACCTCCCTGCCCTCCGTGAGGCAGA
TCCTCTTTTTATGTAAGTTGAAAAAAGTCCGGCCAGAAAAGGGGAGACTTCTAAAGGTCCACAGAGGA
TGCCCAAGCGATCTCCAAGCCAGACTTGTTCGGTTGCTGTGGCTCCCTGTTAACCCCTGGCCAGTC
CAGAGCAAGGTTAGCTCCTGAGCACCTGCCTGCCACAGATGGCTTCGTGCCCTGGGCACCTCCTGC
AGTTGCCCCAGTTCGCGGCTTCTCTGCTGAAGATGTGCAGCGCGTGGTGGACACCAATAGGAAGCAGCG
GTTCCGCTGCAGCTGGGGGATCCAGCACTGGCCTTCTCATCCGGGCCAACAGGGCCATTCCCTGCAG
GTACCTAAGTTGGAGCTGATGCCCTGGAGACACCGCAGGCCCTGCCCCGATGCTAGTCCATGGTACAT
TCTGGAAGCACTGGCCATCCATCCTACTCAAAGGCTGTCTGCCAGGAAGGACGCACATTCACCTGGC
CCCAGGACTGCCTGGAGACCCCGGTATCATCAGTGGTCACTGGCTCCCTCCCTCCACTAGCTACTCCACC
CACTCTGTCTCCAGGTCCTTCAAAGTTACAACACTTGTCTGGGGCCACCCATGTCGGGCATGGA
GCAGCACCCCTGCATCCCCAGCCCAAGACCCCAAGTCTGCCTAGGTTGCTGACTGCACTCCAGGTGCCA
GGCCTCAGCTCCAGCTGTCTCTGCAGGCATGCGGTCCCATTGTGAAATAGCTGTGTTTCATGATGGACC
CTGGCTCTGGCAGATGGAATACCCTTCTCCGCTCTGCCAATGGGGTATTCTGACTCCAGGGAATACTG
ATGGCTTCTCCTCCCAAGTACTTCAAGGAGGCCCTGCAGCTACGCCCTACCCGAAAGCCCTTTCCTT
GGCTGGTGTGAGAGACAGAGTGTGAGAGTACCCCAAGCACAGCTCCAGAGAAAGGAGGAGGATCCAA
CAATAAAATATTAATTTATAAAAAAGAAATTTAAAAAGTAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK026364 unedited

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GGATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCCTGTCAT
GTCCACAGCAGACTGAGGAGAGTTCTTGTCTGGGCCAGGCCTGGTGACCGCCCCCTCCAG
CCAAGCAGCCAGATCAGCACTTACCCCGAGGGCGAGCCCTGGAGGGTACGGTGCAGCTGG
TGGTGTGAGTGTGCACTCCGGGCCAGCGCTATGCTGGGCACTCACCTCCCTGCCCTCCG
TGAGGCAGATCCTCTTTTATATGGCTTCGTGCCCTGGGCACCTCCTGCAGTTGCCCC
AGTTCCGCGGCTTCTCTGCTGAAGATGTGCAGCGCGTGGTGGACACCAATAGGAAGCAGC
GGTTCCGCTGCAGCTGGGGGATCCAGCACTGGCCTTCTCATCCGGGCCAACAGGGCC
ATTCCCTGCAGGTACCTAAGTTGGAGCTGATGCCCTGGAGACACCGCAGGCCCTGCCCC
CGATGCTAGTCCATGGTACATTCTGGAAGCACTGGCCATCCATCCTACTCAAAGGCTGT
CCTGCCAGGAAGGACGCACATTCACCTGGCCCCAGGACTGCCTGGAGACCCCGGTATCA
TCAGTGGTCACTGCCCTCCCTCCACCTAGCTACTCCACCCACTCTGTCTCCAGGTC
CCCTTCAAAGGTTACAACACTTGTCTGGNGCCACCCCATGTCCGGCATGGAGCAGCACC
CTGCATCCNCCAGCCAGNACCCAGTCTGCCTAGGTTGCTGACTGCACTNNCAGTGCCC
NAGCCTCAGCTCCAGCTGTCTCTGCAGGCATGCGGTCCCATTGTGAATAGCTGTNGTCAT
CGATGGACCCCTGGCTCTGGCAGATGGNATACCCTTCTTNNCGCTCTGCATGGNNGTGAT
NCTG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for AK026364 unedited CGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTCTTGTTACTTTTTAAAATTC TTTTTATAAATTAATATTTTATTGTTGGATCCTCCTCTTCTCGGAGCTGTGCTTGG GGCTACTCTGACACTCTGTCTTTCATCACCAGCCAAGGAAAGGGCTTTCGGGTAGGGC GTAGCTGCAGGGCCTCCTGAAGTACTTGGGAAGGAGGAAGCCATCAGTATTCCTGGAG TCAGAATCACCCATTGGCAGAGCGGAAGAAGGGTATTCCATCTGCCAGAGCCAGGGGTC CATCGATGAACACAGCTATTTACAATGGGACCGCATGCCTGCAGAGACAGCTGGAGCTG AGGCCTGCGCACCTGNAGTGCAGTCAGCAACCTAGGCAGACTGGGGTCTGGGCTGGGG ATGCAGGGGTGCTGCTCCATGCCGGACATGGGGTGGCCCCAGACAAGTGTGTAACCTTT GAAGGGGACCTGGGAGGACAGAGTGCCTGGGAGTACCTACGTGGAGGGGAGGCCACTGAC CCCTGATGATCCCGGGTCTCAGGCAGCCCTGGGGCCAGTGAATGGGCGCCTTCCCTGGC AGACGGCCTTTGGATAGATGGATGCCCGTGCTTCCAAACGTACCTGAACCTACCATTGGG CCAGGCCCGGGGGTCCCAGGGCCACAGTTCCACTTAAGTACCCGACGGAATGGCCCTG CTTGCCCCGAAGAAAGGCCAAGGCTGGAACCCCCCTGCAGGGCAAACGCTTGCTTTAT GGTGTCCACCCCTGCACTCTTAAAAATAACCCCGGACCCGGCAGCCGAGAAGGGC CCAGGGGCCAACCTTAAAAGAAGACCCTCACCGAGGGCCGGAGGGAACCTCCACTAGG TGGCCGGAGGACACTCACCCCTGTGCCCGCCCTCCGGTCCCTTGAAAGGTCACTCCCC TTGTTGGGGGGCGTCAACCCTGCCAAAAAATCT
Restriction Sites:	NotI-NotI
ACCN:	AK026364
Insert Size:	1130 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>AK026364.1</u>
RefSeq Size:	1738 bp
RefSeq ORF:	1738 bp
Locus ID:	83707
Cytogenetics:	11q13.1
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]