

Product datasheet for **MC207431**

Tpt1 (NM_009429) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tpt1 (NM_009429) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tpt1
Synonyms:	p21; p23; TCTP; Trt
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207431 representing NM_009429 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCATCTACCGGGACCTCATCAGCCATGACGAGCTGTTCTCCGACATCTACAAGATCCGGGAGATCG
CGGACGGGCTGTGCCTGGAGGTGGAGGGCAAGATGGTCAGTAGAACAGAGGGTGCCATCGATGACTCGT
CATCGGTGAAAATGCTTCCGCTGAAGGTCCGGAGGGCGAAGGTACCGAAAAGCAGTAGTACCCGGTGTT
GACATTGTGATGAACCATCACTTACAAGAAACCAGCTTCAAAAAGAGGCTTACAAAAAGTACATCAAAG
ACTACATGAAATCACTCAAAGGCAAACCTTGAAGAGCAGAAACCAGAAAAGAGTAAAGCCTTTTATGACTGG
AGCTGCAGAGCAGATTAAGCACATCCTTGCTAATTTCAATAACTACCAGTTTTTTATTGGTAAAACATG
AATCCAGATGGTATGGTTGCTCTCCTGGACTACCGTGAAGATGGTGTGACTCCATTATGATTTTTCTTTA
AGGATGGCTTAGAGATGGAGAAATGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009429
Insert Size:	519 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).



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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_009429.3</u> , <u>NP_033455.1</u>
RefSeq Size:	956 bp
RefSeq ORF:	519 bp
Locus ID:	22070
UniProt ID:	<u>P63028</u>
Cytogenetics:	14 40.29 cM
Gene Summary:	Involved in calcium binding and microtubule stabilization.[UniProtKB/Swiss-Prot Function]