

Product datasheet for **RN210409**

Ptov1 (NM_001008304) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptov1 (NM_001008304) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptov1
Synonyms:	MGC94482
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210409 representing NM_001008304 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGTCCGCCCGCGCGTCCCCGCACCGCTCCGGCGCCGGGGCCCCCTCGGAGGTCGTGGCCGGCCAC
 CGCGGCCCTGGTCGTCCGCGCGTGGCTCACGCTCCTGGCCTGCTGGCCCTCGAGGCCCGCAGCCGCC
 GCGGATCCGGGCCGTTCCGGCCCTCCCATGGAAGGTGCTCGAGTCTTTGGGGCCCTGGGCGGATCGGG
 CCTCCTCTCCTGGGCTGACTCTTGGGGACTCGCAGTGAATGAGCACCGGCTCAGCAACAACTGCTGG
 CCTGGAGTGGCGTCTGGAGTGGCAGGAGAAGCGTAGACCCTTCTCGGACTCCGCCGCAAAGCTGAAGCG
 CACCCTGCCCTGCCAGGCCTATGTGAACAGGGCGAGAACCTGGAGACGGACAGTGGCCCCAGAAGCTG
 ATCATGCAGCTCATCCCAACAGCTGCTGACCACACTGGGCCCCCTGTTCCGAACTCTCAGCTGGCCC
 AGTTCCAATTACCAACAGAGACTGTGACTCCCTCAAGGGCCTCTGCCGATCATGGGCAATGGCTTCGC
 GGGCTGCATGCTCTTCCCCACATTTCTCTTGGCAGGTGCGTGTCTCATGCTCCTGTACTCGTCTAAG
 AAGAAGATCTTCATGGGCCTCATCCCTACGACCAGAGTGGCTTCGTCAATGCCATACGGCAGGTATCA
 CCACCCGCAAGCAGGCTGTGGGCCCTGGAGGGTGCACCTCTGGACCTGTTCAATTGTCAACAACAATT
 CTTGGCATGGAGTGGAGTCATGGAGTGGCAAGAGCCAGGCCCTGAGCCCAACAGCCGGTCCAAGCGGTGG
 CTGCCATCCCACGTCTATGTGAACCAAGGAGAGATCCTGAGAACGGATCAGTGGCCTCGGAGGCTCTTCA
 TGCAGCTCATTCCACAGCAGTTGCTGACCACCCTCGTGCCACTGTTCCGGAACCTACGCCTGGTACAGTT
 CCACTTCACTAAGGACATGGAGACTCTGAAGAGCCTGTGCCGATCATGGACAATGGCTTCGCGGGCTGC
 GTGCATTCTCTATAAGGCCTCGTGCGAGTTGCGTGTCTCATGCTCCTGTACTCCTCGGAGAAGAAGA
 TCTTCATTGGCCTCATCCCGCATGACCAGGCAACTTTGTCAATGGTATCCGTCGTGTCATTGCCAACCA
 GCAGCAGGTCCTGCAGCGAAGCCTGGAGCAGGAGCAGCAGCAGCAGGAGGATGGGTGGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001008304
Insert Size:	1251 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:	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_001008304.1, NP_001008305.1</u>
RefSeq Size:	1748 bp
RefSeq ORF:	1251 bp
Locus ID:	292888
UniProt ID:	<u>Q5U2W6</u>
Cytogenetics:	1q22
Gene Summary:	May activate transcription. Required for nuclear translocation of FLOT1. Promotes cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]