

Product datasheet for **MC201537**

Ptov1 (NM_133949) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptov1 (NM_133949) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptov1
Synonyms:	1110030G05Rik; AU041779; Gcap3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024632 sequence for NM_133949
 CCGGCTCCTCCTCCCCGGCGTTGGTCCC GGCTCCTCTTCTCCACGTTGGTAGGC GCCAGCCAC
 CCCCCCGCATCTCCCCCAGCTTCGCGTTGGTTGGCGCCGGGCTCCCCTGTTCTCTGCAGTGGTTGGC
 CGCGGCGACCCCTCAGCGGCGGTCCCCCGCCGGTCCCGTCCGCTTCTCCCCGAAGCCGCGCGCCG
 CGCCTGTGGTGGCGGACCCGCAGCCCCCGTGAGGCCACGGCCTCCACCCGCCATGGTCCGCCGC
 GCGCTGCCCGCACCCGCTCCGGCGCCGGGGCCCCCTCGGAGGTCGTGGCCGGCCACCCGCGCCCTGGT
 CTTCCGGCCCTCCCATGGAGGGTGTCTGAGTCTTTGGAGCCCTGGGGCCTATCGGGCCCTTTACCTG
 GGCTGACTCTTGGGGCCTCGCAGTGAACGAGCACCGGCTCAGCAACAACTGCTGGCCTGGAGTGGCGT
 GCTGGAGTGGCAGGAGAAGCGTAGACCTTCTCGGACTCCACAGCCAAGCTGAAACGCACCTGCCTGC
 CAGGCCTATGTGAACCAGGGCGAGAACCTGGAGACGGACAGTGGCCCCAGAAGTTGATCATGCAGTCA
 TCCCACAGCAGCTGTGACCACACTGGTCCCCTGTTCCGAACTCTCAGCTGGCCAGTTCACCTTAC
 CAACAGAGACTGTGACTCCCTCAAGGGCCTTGCCGCATCATGGCAATGGCTTCGACAGGCTGCATGCTC
 TCCCCACATTTCTCCTTGGCAGGTGCGCGTGTCTCATGCTCCTGTACTCGTCTAAGAAGAAGATCTTCA
 TGGGCCTCATCCCCTACGACCAGAGCGGCTTCGTAACGCCATACGACAGGTCATCACCACCCGAAACA
 GGCCTGGGCCCGGGGTGTACTCTGGACCTGTTAGATTGTCAACAACAAATCTTGGCATGGAGT
 GGTGTCTATGGAGTGGCAGGAGCCAGGCCTGAGCCCAACAGCCGTTCAAAGAGTGGCTGCCATCCCACG
 TCTATGTGAACCAAGGGGAGATCCTGAGAACAGACCAGTGGCCTCGGAGGCTTTCATGCAGCTATTCC
 GCAGCAGTTGCTGACCACCCTCGTGCCACTGTTCCGGAATTCACGCCTGGTACAGTTCACCTTACTAAG
 GACATGGAGACTCTGAAGAGCCTTTGCCGATCATGGACAATGGCTTCGCGGGTGCCTGCATTTCTCT
 ACAAGGCATCGTGTGAGGTGCGTGTGCTCATGCTCCTGTACTCCTCGGAGAAGAAGATCTTCATCGGCCT
 CATCCCGCAGCAGCAGAGCAACTTTGTCAACGGCATCCGTGCGTCATCGCCAACCAGCAGCAGGTCCTG
 CAGCGAAGCCTGGAGCAGGAGCAGCAGCAGCAGGAGGATGGTGGCTAGAGGATGCCTGGGCGGGC
 CACAGTCCCAGACGAGGCCCCAGTGGAGACTGGTGGAGCAGCACTGTGTCCGTGGGAAGCAGCAGGGTGGC
 CCTGGCCTGAGAGACCTGCTGCATGCGTCACTGCCTCCTGCTACCAATATCCCTGGGGAGGAATGGGT
 GCCAGGGCCACAGCTTAATACTGGGGAGTAGGGTGCAGTTTCACTAGTAGAAGCCACCCCTCCTCTGCC
 TCCCAGGTGAGTCTTCTGAGCAGGGCTCCTGGCGACTGTACCTGCCAGCAACCTGGAGGACAGCGT
 CCTGAGGTCTCCAAGGATGGTCTTGGCCCTGTATGTTCCCTAATAAAGCCTTTTAACCCAAAAA AAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133949

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: [BC024632](#), [AAH24632](#)

RefSeq Size: 1897 bp

RefSeq ORF: 1251 bp

Locus ID: 84113

UniProt ID: [Q91VU8](#)

Cytogenetics: 7

Gene Summary: May activate transcription. Required for nuclear translocation of FLOT1. Promotes cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]