

Product datasheet for **MC209236**

Prop1 (NM_008936) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prop1 (NM_008936) Mouse Untagged Clone
Tag: Tag Free
Symbol: Prop1
Synonyms: df; Prop-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209236 representing NM_008936
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAGCTCAAAGAAGGAGCCATCAGGAAAAGCAAACGAAGGGTCATGCCTGTGGCCGATCCCTGCCTG
AGCCACGAGTGGCCTCTGGGACTCTGATCTCCACGGTAGACAGGAGCTCTGAGGCTTATAGGAGGCTCTC
TGGTACAGAGCTGGGGAGACCTAAGCTTTGCCACAGAGAGGCCGTCCCCACTCCCGGCCGCCACCGC
ACCACCTCAACCCAGCAGCTGGAACAGCTGGAGTCAGCCTTTGGGAGGAACCAAGTATCCTGACATCT
GGGCTCGAGAGGGGCTTGCCCAAGACACTGGCCTCAGTGAAGCCAGAATCCAGGTCTGGTCCAGAACCG
CAGGGCTAAGCAACGGAAGCAAGAGCGGTCACTTCTCCAGCCGATAGCCCATCTATCTACGGCCACCTTC
TCTGGCTTCTTGCCAGAAATCCTCTGCCTATCCCTACACCTATGGGACACCACCTCCACCAGCGCCCTGCT
TCCCTCATCCCTACAGCCACTCTCTCCCTCCAGCCCTCTACGGCTGCCTCACTCGCTCTTCTCCCCA
GCCTGAGGACTGGTACCCACCTTGACCCAGCCCCACTGGTCATCTGCCCTGTCCCCACCCCCACCC
ATGTTTCCCTCAGCCTTGAGACGCCAAAGTCTGGAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008936
Insert Size: 672 bp



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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_008936.1</u> , <u>NP_032962.1</u>
RefSeq Size:	1000 bp
RefSeq ORF:	672 bp
Locus ID:	19127
UniProt ID:	<u>P97458</u>
Cytogenetics:	11 30.95 cM
Gene Summary:	Possibly involved in the ontogenesis of pituitary gonadotropes, as well as somatotropes, lactotropes and caudomedial thyrotropes.[UniProtKB/Swiss-Prot Function]