

Product datasheet for **MC216880**

Gps1 (NM_001177874) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gps1 (NM_001177874) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gps1
Synonyms:	Cops1; Csn1; R75577; Sgn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216880 representing NM_001177874
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGCTGCCGGTTTCAGGTGTTAACTTGCAGGGGGCCGTGGAACCCATGCAGATTGATGTCGATCCGC
AGGAAGATCCGCAGAACGCACCTGATGTCAACTATGTGGTGGAGAATCCCACCCTGGATCTGGAGCAGTA
TGCAGCCAGCTACAGTGGCCTGATGCGAATTGAGCGACTACAGTTTATTGCTGACCGTTGCCCTCCACTG
AGGGTAGAGGCCCTTGAAAATGGCTCTATCCTTCGTGCAGAGGACCTTCAATGTGGACATGTGAAGAGA
TACACCGGAAGCTCTCCGAGGCTACCAGGGAGCTGCAGAATGCACCTGATGCCATCCCTGAGAGTGGAGT
GGAGCCCCCGCCCTGGACACAGCCTGGGTGGAGGCCACTCGGAAGAAGGCTCTGTTGAACTGGAGAAG
CTGGACACGGACTGAAGAATAAAGGGCAATTCTATCAAAGAGAGCATCAGGCGGCCACGATGACC
TGGGTGATCACTACCTGGACTGTGGGGACCTCAGCAATGCCCTCAAATGTTACTCAGGAGCCGAGACTA
CTGCACCAGTGCTAAGCATGTCAACATGTGCCTCAACGTCAAGGTCAGTGTCTACTTGCAAAAT
TGGTCTCATGTGTTAAGCTATGTGAGCAAGGCCGAGTCTACTCCAGAGATTGCTGAGCAGCGGGGAGAGC
GGGACAGCCAGACGCAAGCCATCCTCACCAGCTCAAGTGTGCTGCAGGCTTGGCTGAGCTGGCCGACG
GAAGTATAAGCAAGCAGCCAAGTCTTCTTGGCTTCTTTGATCACTGTGACTTCCCAGAGCTGCTG
TCCCCAGCAATGTGGCTGTCTATGGTGGCCTGTGTGCCCTTAGCCACCTTGGACCGCAGGAGCTGCAAC
GAAATGTCATCTCCAGCAGTTCCTTCAAGCTGTTCTGGAGCTGGAGCCACAGGTCAGAGACATCATCTT
CAAATTCATGAATCCAAGTATGCCTCATGCTTGAAGTGTGGACGAGATGAAGGATAACCTGCTCCTG
GACATGTACCTGGCCCCCAGCTCAGGACACTGTACCCAGATTCGTAACCGGGCTCTTATCCAATACT
TCAGCCCCTATGTGTCAGCTGATATGCACAAGATGGCTGCAGCCTTCAACACAACAGTTGCAGCTCTGGA
AGATGAGCTGACACAGCTATTCTGGAGGCCTTATTAATGCCCGCATCGACTCACACAGCAAGTACTG
TATGCTCGAGATGTGGATCAGCGTAGCACACCTTTGAGAAGTCCCTGCTGATGGCAAGGAATCCAAC
GACGTGCCAAAGCTATGATTCTGAGAGCAGCTGTGCTCCGCAACCAGATCCATGTCAAGTCTCCTCTAG
AGAAGGGAGCCAAGGGGAGCTGACTCCAGCCAACGCCAGTCACGCATGAGTACCAACATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001177874

Insert Size: 1464 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: NM_001177874.1, NP_001171345.1
RefSeq Size: 1860 bp
RefSeq ORF: 1464 bp
Locus ID: 209318
Cytogenetics: 11 E2