

Product datasheet for **MC221071**

Ovgp1 (NM_007696) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ovgp1 (NM_007696) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ovgp1
Synonyms:	120kDa; AU016433; AU019448; Chit5; MOGP; muc9; OGP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221071 representing NM_007696
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAGGCTGCTGCTGCTGGCTGGGCTGGTTCTTCTGATGAAACACAGTGATGGTACTGCCTACAAC
 TGGTGTGCTATTTACCAATTGGGCACATAGTCGGCCAGGCCCTGCCTCCATCATGCCCATGACCTGGA
 CCCCTTTCTTTGTACGCATCTGATATTTGCCTTTGCCTCAATGAGCAACAATCAGATTGTGGCCAAGAAT
 CTGCAGGATGAAAACGTTCTCTATCCAGAGTTCAACAACTCAAGGAAAGGAACAGGGAGCTGAAAAAC
 TGCTGTCCATTGGAGGGTGAACCTCGGCACATCACGGTTCACCGCTATGCTCTCCACACTTGCCAAACG
 GAAAAAGTTTATTGACTCAGTCATATCCTTCTGAGAATACATGGTTTTGATGGTCTTGACCTTTCTTC
 TTGTACCTCGACTACGAGGCAGTCCCCACACGACCGGTGGAATTTCTCTTAATTGAAGAGCTCC
 AGTTTGCCTTCGAGAGGGAGGCCCTGCTACTCAGCACCCACGGTCTGCTGTGCGGCTGCTGTCTG
 CATCCCAAGCATCATCCATACGTCCTTATGATGCGCTCCTTTAGGAAGGCGTTTGGATTTCAATTAATGTT
 TTGCTTATGACTTACATGGAAGTTGGGAAAAGTTTACAGGACACAATAGTCCTCTGTTCTCCCTCCCG
 AAGACTCCAAATCTTCAGCATATGCTATGAATTACTGGAGAAAGCTTGGGACACCCCGAGATAAACTTAT
 TATGGGTTTCCACCTATGGACGTAACTTTACCTCCTCAAAGAATCTAAGAATGGATTGCAGACTGCC
 TCAATGGGACCAGCATCTCCTGGGAAGTACACCAAGCAGGCTGGCTTCTTGGCTTACTATGAGGTTTGT
 CCTTTGTCCAGAGAGCAAAAAACACTGGATTGATTATCAATATGTCCCGTATGCTTTTAAAGGGGAAGGA
 GTGGCTTGGCTATGATGACACTACAGTTTCAGTTACAAGGCAATGTATGTGAAGAGAGAGCATTTTGGG
 GGGCCATGGTGTGGACTGGATATGGACGATGTGAGGGCCTTTCTGTGGCAACGGCCCTTTCCCTC
 TTGTTCCATATTTGAATGAGCTTTGGTGCAGACAGAATCCAATCAACCCCTTGCCACAATTTTGGT
 TACATCTTCTGTGAATGCCTCAGGACCTGGCTCTGAGAATACAGCCTTGACAGAGGTATTGACCACTGAT
 ACCATAAAGATTTTGCCTCCGGGAGGAGGCTATGACCACCGAGTCCACAGAAGTATGAAAATATGA
 CTACAGTTCCTAGTGATGGATCTGTAACCCCTGGAGGAACAGCATCTCCTCGAAAGCATGCTGTAACCTC
 AGAAAATAACACGATGGCTGCTGAGGCAAAAACTATGAGCACACTGGACTTCTTTTCTAAGACCACCACT
 GGGGTTTCTAAGACCACCACTGGGATCTCTAAGACCACCACTGGGTTTCTAAGACCACAACCTGGGTTT
 CTAAGGCTACTGCTGGAATTTCTAAGACCATCCCTGAGATTTCTAAGGCCACTGCTGGGTTTCTAAGAC
 CACCCTGGTGTCTAAGACCACCACTGGCATTCTAAGACCATCACTGGTGTCTAAGACCACCACT
 GGCATTTCTAAGACCACCACTGGCATTCTAAGACCACCACTGGGTTTCTAAGATCACCCTGGTGTCT
 CTAAGACCACCACTGGCATTCTAAGACCACCACTGGCATTCTCAGACCACCACTGGCATTCTAAGAC
 CACCCTGACATTTCTAAGACCACCACTGGAATTTCTAAGACTACCCCTGGGATTTCTAAGACCACCCCT
 GGGATGACAGTAATAGTCCAGACACAGGCAATGAGGCAGAGACCACAGCCACAATGGATCATCAGTCTG
 TAACCCCTACGGAGATGGATACGACTCTTTTCTATCTAAAGACTATGACTCCCAGTGAGAAGGAACTTC
 CAGGAAGAAGACTATGGTACTTGAAGGCCACTGTTCCCTAGAGAGATGTCAGCTACCCCTAATGGA
 CAGAGTAAACTCTAAAATGGCAAGTTTGATTACTGAGGTAGAAACGTACTCCCAAGATGGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007696
Insert Size: 2166 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:	<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_007696.2</u> , <u>NP_031722.1</u>
RefSeq Size:	2525 bp
RefSeq ORF:	2166 bp
Locus ID:	12659
UniProt ID:	<u>Q62010</u>
Cytogenetics:	3 F2.2
Gene Summary:	Binds to oocyte zona pellucida in vivo. May play a role in the fertilization process and/or early embryonic development.[UniProtKB/Swiss-Prot Function]