

Product datasheet for **MC217241**

Gm7168 (NM_001122977) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm7168 (NM_001122977) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm7168
Synonyms:	EG635895
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217241 representing NM_001122977
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCTGCACATATTGAAGAGGAGTTACCACCTCCCAGCCCTCAGCCCAGTAACCCTGAGGACGGAGAGT
TGTA CTCCAATATAAAGTTGTAAGA ACTCTCGGCATGGGACTTACGCCAAGGTCTCCTGGCCAAGCA
CTGGCTCACAGGCACACCCGTGGCCGTCAAAGTCTTCTAAAGAACAAGCCCTGTTTCCAGCCAGCCATG
AAGGAGGCCAATATAATGAAAAAGATCAAACACCCAAATATTGTCTCACTTCTCCAAGTGTTTGAGACCA
AAACAAGAGGATACCTCATCATGGAAGTGGTTGAAGGCCAAGAAGCTTTATGAATACATCAAAAGTCTGG
CCACATAGAGGAGGACGAAGCCCGACAAATATTTTTACAATACTGTGAGCAGTACTGACTGCCACGGA
CTTGATAGTGCATAGGACCTAAAACCTGATAATATCATGATAGATGACAAGGGGAGCATCAAAATAA
TCGACTTTGGGCTTAGTACCCAAGTCAAACCCGGAGATTTGTTGGACGAGCACTGTGGTCTTATGCTTT
TGGTGCCCTGAGTTATCCTCTGGAAGTTACGATGGCACA AAAAGTGACCTATGGGCATTAGGAGTG
ATATTGACTACATGGTTGTTGGAAGGTCCCATTTCGACTCGTACATCATACCTGAGCTGCAAAGGCAGA
TACTGGCAGGTGTATACCTGCCCCCTGTGGAGTGTCCAATGAGCTGAAGGACCTGTTGAGCCTCTTAAT
GACAGTAAACCCCAAATATAGGCCGACAGTACAGAAAGTATGAAAGCATCCCTGGCTAAGAGGCCACTGC
AAAGGGTTAAACAATATTCATGAGGAACCTGTCCTGTGACAGCAGATCCTGACATTGTAGATGCGATGC
AGTATATTGGGTTCCAAGCAAAGATATTAGAGAGTCGCTCACTAAAGAAAAATTAATGAAATGTCGGC
TGCATATTTACTAGAAGAGCAGGCTCTCCAGAGGGAAGTCCGCTCAACCCAGGCTCCAACAGTGAGT
CAAGTTAAGGCCCATCCCTTCCATGGATGCTGGTGAAGCTTCGTGTTAAAAATTAAGAGGAGTGGAA
GTGCTTCCATCCTTGGCAGATCGGTCTGGCCACCATCCATTGATCAAGAGCCAGCCTATGTCCAGAAGGT
TAGGCAAAGAGCAGGCAGAGAAGATCCAGTGGGCATGGTCTACTCTTCGAGCCAAACCATGACACCAACA
CAGGACCAACACCACATACGTGCCATGAGTGTCCCTGCATGCTTTCAACAAGCAGCATAAGTGAAGAGA
GCGTCAGTGAGAAGAGAGAAGAGAATCTCTCCACATTGCCCTAGCAGAGGATAAGCCCATCCGACGAG
GGGCTGGTGCAGAGGCATCATGCGATGGACAAGGAGGTGGGGAATGCCATCAGGACGCTGTGTTGCTGC
ATTCCATCAAGAAAAACACCTCAGCTGGGGCAGAGCAGAGTCTCTCCCGAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001122977

Insert Size: 1527 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_001122977.1](#), [NP_001116449.1](#)

RefSeq Size: 1603 bp

RefSeq ORF: 1527 bp

Locus ID: 635895

UniProt ID: [A0AUV4](#)

Cytogenetics: 17 A2

Gene Summary: May play a role in sperm motility, especially in the regulation of flagellar function.
[UniProtKB/Swiss-Prot Function]