

Product datasheet for **MC218068**

BC063749 (BC063749) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC063749 (BC063749) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC063749
Synonyms:	4833424O12Rik; DANGER; mKIAA1754
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC063749
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCATGGAACCTTCCGGTCTGTCTGGTCTGGTGACAGCCATCATTAACCACCCTCTGCTGTTC
 CACGGGAGAATGCCACGATTCGCGAGAACGAGGAAGAGATCATACGCAAGATGCAGGAGCACCAGGAGAA
 GCTGCGCCTGGAGCAGCTACGCCTGGAGGAGGAGGTGTCACGTCTGGAGGCCGAGAAGGAGGCTCTGCGG
 CAGGTGGAGGAGGAGCAGCAGCAGCTAGAGGCCACACCGCCTGGGACCTCTGGACCACACTCTGCATGG
 TCCTCTTCTGATCATCGAGGTGTTGCGACAGAACCATCAGGAGGGCACCTTCCCGGAGTGCCTGGGTGG
 AGACGAGGACGAGCTGTCGGGACTAGGGGGCACGCTGCTGCAGGGCCTTCCCTGCCAATAGGGCCACC
 CTGGACCCTTCTACGAGCACTGTATCCGGAGCACACGGGGGATGCCACCCGACCCAGGAGTTTGTGG
 AAGTTTTCGTGGATGATCTGCTGGAAGCCCTGAGGAGCACCTACAACGGGAAAACCGACATGGAATTGGA
 GGACTTCATCGGCGTGGGAGCATGTATGAGAAGTGGCAAGTGGAGAGGCCACTACGGTCCACTTGT
 ATACCTTCATACCCCCAGAGTTCTGGTCTCCAGCCTTCAACGCCCTGGAACGTGAGGGCTATGGCC
 AGATCAAGGTGACGCTGGCTGACGGGAACCTCTAGGCTGTGTCTGCGGCAAGGCTAAGCTTGAGGAGGA
 TATGTTGTGTCTCCTCTACGGCAAGAATAGAGGGGCGTGGCCAGCAGTCCCGGTGCGGTGAGATGGAG
 GGCTTGCTGTGTTCCAGAGAGTCCCTCTATCTCGATGTCATGCAGGTCATGAAGTGGTTTTAGATGGCC
 TCACCAGAGCGTGGCACCACGATCGCCACAAGTATGAGTTGACCTTGCCTTTGGAGAGCTGGACACCC
 AGGGTCTCTCAAATCAAGTCCGCTCGGGGAAGTCCATGCCTTTCATCTTGACTCCTGTGATCCAGTGT
 AATGACTCAGACCTGTACTTCACTTACAACCTCCCAAGGAGCCCTGTGGGGAGGCCAGCCTCCAGCG
 CTCACTGGCTCCTGTCTTTGCTGTCTATGAGCGAGAGTTCCTCCGGATGACAGGCAAGGCTTTGCCGGA
 GGGTGCCTGCCACCTGAGCTGTTTGCAGATCGCCTCCTTCTTGCTCTCCAAGCAGACCCGCTGACGGGT
 CCCAGTGGCTGAGTGACTACCACCTAAAGACTGCCCTGCTGCATCTCCTGCTGTCCCGGACGGCTCTG
 ACTGGAAGGCCAGCAAGCTGGATGTACGCCTGCAGGACCTTCTGCTTCTGGAGAGGAGCCTGCTGGA
 GAAGAACTCTATCACTTCTTATGGGCAACCACAAGGTGCCTGAGGCTCTGGGTCTCCAGAGGTTGTG
 CGCAGAGCCGAGCCTCTCAATCTTCCGGCCCTTCGCTTGCAGCGGACTCTTACCAGAACACAGTGG
 ACTCCTTCTATGAAATGCTTAAGAACGCCCGGCGCTCATTAGCGAGTATCCCTCCATGTCCTTCAGT
 TCGTGCCAGCCACCACAAAAGCTGTCGTCTCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC063749

Insert Size: 1647 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: [BC063749](#), [AAH63749](#)

RefSeq Size: 3850 bp

RefSeq ORF: 1646 bp

Locus ID: 414801

Cytogenetics: 19 D1

Gene Summary: Enhances Ca(2+)-mediated inhibition of inositol 1,4,5-triphosphate receptor (ITPR) Ca(2+) release.[UniProtKB/Swiss-Prot Function]