

Product datasheet for **MC218002**

AI450540 (BC062949) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AI450540 (BC062949) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	AI450540
Synonyms:	AI450540; mKIAA1600
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC062949
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTCCAAGCTTACGTCCATCCTGCAGCATGCCGTGGAGGCGCTCGACCGTCTCTCCCGTTACAAG
 AAGATTTTGTATCACTGGAAGGCGATTACACACTACTACATAGAACTTCAGATGATAAAGCCCCAGT
 GACCGACACAAACATCCCATCCCACCTGGAACAGATGTTAGACATCCTGGTCCAAGAAGAAAATGAGCGG
 GAATCTGGAGAGACAGGGCCATGCATGGAATACCTGCTCCATCACAAGATCTTGAAACGTTATACACCT
 TAGGGAAAGCCGACTGCCCTCCAGGAATGAAGCAGCAGGTTTTGGTGTCTATACCAAGCTTCTGGGACG
 AATCCGGCAGCCCTGCTCCACACATCAACGTACACAGGCTGTGCAGAAATTAATTCGACTCTGTGGT
 GAGGTCCTTGCAACGCCAACGGAGAATGAAGAGATCCAGTTTCTCTGCATCGTGTGTCAAAGCTGAAAC
 AGGATCCCTACTTGGTCAACTTTTTCTGGAGAACAATCAAAGTCCCTGGTGTCCAGAGGAGCTCTGAG
 TGTCTCTCAGAGGATGGCCAAAAGGTCAGGACCCGGGGTCCAGGAGACGTCCAGCAGTCCAGCAGCCCC
 CAGGAGCTGTGAGGTGCTACTGGGGTGGAGCCACGGAGTCGGAGGAAGAGCCCCCTCACAGATGGATG
 ACCTGTCTGCAAGCCTAGATGACCTCAATGTACCTCACTGCCGGAGGCCTCTGCCGTCCGGCCAAACCA
 GGACTACAACCTTAGTGAATTCCTTGTAAACCTGACAAGAAGTCTGACGGCCGGATAGCTGTGAAGGCC
 TGCGAGGGCTTGATGCTCTTGGTGAACCTACCGGAGCCTGCGGCTGCCAAGTGCCTTGTCTCAGAGCACCT
 GCCTGTGCGAGCTGTGACCGGCAGACTCACCTCCCTGTACAAGGCTCTACCTCAGTCAGTGGACCCCTT
 AGACATTGAAACCGTGGAGGCAGTTAACTGGGGTTGGACTCATACGCCATAAAGAAGACGCTTCGGCG
 TTCCTGGGAAGCGGGCCTTAATTTCAATTTCTTCTGGTTCGATTACTGTGATCAGTCCATCAAGGAGG
 CAAAAAGACTGCTGCTGTCTCGCCAAAGCCATCCACGAAAGGTTCTTTGTTGGTGCATGGAAC
 CCAGCTGATGCAGACCTCTGAGATGGGGATTCTGACCTCGACGGCCTTGTGCACCGCATCGTCCGGCAA
 GTGACCTCAGACGCTCCTTCCAGGAAATGGTGGTCTTCACTCCTCGGAGAACAGAGGGAGCCAGAAACTC
 TGTGAGAAATTAGCAGACATCCTCTAAGACATAGGTTAATCGAACATTGCGATCACATATCTGATGAGAT
 CAGCATCATGACCCTGAGGATGTTTGAACATCTCTACAAAAGCCCAATGAACACATCCTCTACAACCTG
 GTCTTGAGAAACCTGGAAGAAAGAACTATACGGAGAACAACCTTCTGCCCGGAAGACAAGGACGTGG
 TGGAGAACGGGCTGATAGCAGGCGCGTATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC062949

Insert Size: 1572 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: [BC062949](#), [AAH62949](#)

RefSeq Size: 3797 bp

RefSeq ORF: 1571 bp

Locus ID: 226252

Cytogenetics: 19 D2

Gene Summary: May be required for proper functioning of the nervous system.[UniProtKB/Swiss-Prot Function]