

Product datasheet for **MC217368**

Homez (NM_183174) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Homez (NM_183174) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Homez
Synonyms:	mKIAA1443
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217368 representing NM_183174
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCCTAATAAAGATGCCAGCAGTCTCAACAGCTCTGCAGCAGGGCTTGTCTGTCTCCCGCCAGTCT
 CAGAGGAGCTACAGCTTGTGTGGACTCAAGCCATCCAAACCAGTGAGCTGGATGGAAATGAGCACCTGCT
 ACAAGCCTTCAGCTACTTCCCCTATCCAAGCTGGCAGATATCGCTCTCCTCTGCCTGCGGCATGGGCTG
 CAGATGGAGAAGGTAAAGACCTGGTTCATGGCCCAACGCTCCGCTGCGCATTAGCTGGTCATCTGAAG
 AGATAGAGGAGACTCGTGCCAGAGTGGTGTACCACCGAGATCAGCTCCTTTTCAAGTCTCTTCTCTCTTT
 CACACAGCAGTCAGTGAGGCCCCACAGGAGAGGCCTCCAGTGTCCGTCGGGAGCAGGTTGCTCTTGGA
 CTGAGTCTCTGGCGCTAGTGAGCAGCCCACTCATATGAAAGGATTGAAGGTTGAGCCTGAGGAGCCCT
 CTCAGGTATCACAGCTGCCACTGAATCATCAGAACGCTAAGGAGCCTCTGATGATGGGCAGCAGAACATT
 CTCCCACCAATCAGACTGTCAGGATCTTACAGTACAGTGGCCTCTCTAAGGAGCAGGCAGGCAGAGGTCCT
 GACCAGTCATGTGGAAAGACTGCTTCTGGAATCACTTACAGCTGTCCATCAGCCAGATAAGCCCGCAT
 CGGTCTCATTACTTGATAATAGTTGTAAGGAGGAATCCGAACCTAGTGAATACCTCCATCTTCTCTAC
 CTCTTCTCCCTCTTCCAGGCATTGGCTAATGGAACCACTGCCACCCCTAAGCCCTCCAGCCTTTGGGT
 TGTATCTCACAGTCACTCTACCTAGTAAGAAGGCACTGTCTCCACAAGTAGAACCACTCTGGCCCCAAA
 GGCTATGGAATAACTCAGAACCAAATTCAGCTGGCCCCACAGAATACCTTTCCCAGATATGCAACACCA
 GCGAAAGACTAAGCGGAAAACCAAAGAAGCAGTTGGCCATCCTCAAATCCTTTTCTACAGTGCCAAATGG
 GCACGACGAGAAGATTACCATAAATTAGAACAGATCACTGGTTTACCTCGCCCGGAGATCATTCAATGGT
 TTGGTGACACAGATATGCCTTGAAGCATGGACAGCTGAAATGGTTTCGGGACAATGCAGTACTGGTAC
 CCCTAGTTTTCAAGATCCAGCCATTCTACACCTTCAACTCGTTCTTGAAGAATGGGCCAAGACACCA
 CCTTACCAGCCCCACCGCCCCACCAGATATACGACCTTTGGAGAAGTACTGGGAGCCACCAGCAGC
 TGCAGGAAGCTGATATCCTTAAACTGAGTCAGGCATCACGACTAAGCACTCAGCAAGTGTGGACTGGTT
 TGACTCTCGATTGCCTAAGCCAGCAGAAGTGGTGTGTTGTCTAGATGAAGAAGACGAGGAGGATGAGGAG
 GATGAAGTCCAGAAGATGGTGAGGAAGAGGAGGAGGAGGAAGATGATGATGATGATGATGATGATGATG
 TCATCATATGGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_183174

Insert Size: 1557 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_183174.3](#), [NP_898997.2](#)

RefSeq Size: 5633 bp

RefSeq ORF: 1557 bp

Locus ID: 239099

UniProt ID: [Q80W88](#)

Cytogenetics: 14 C2

Gene Summary: May function as a transcriptional regulator.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.