

Product datasheet for **MC218112**

Cage1 (BC082568) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cage1 (BC082568) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cage1
Synonyms:	4933427I01Rik; Ctag3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC082568
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACAGTTGAAGACCTGAGGGGGCGTTTTCTTACTCGGAGAAGCCAGAGTTGCCAAGCCAGGTATACA
 ATGATGCAGCAGATGGCAGTGAAAAGCCAGATCCATTTAAGGAAGAAAGTTCAGTGGAAAGTAGCATTTTC
 CGAAAATAAGGACGAACCTGTTCCCGCGCCAGTGAGGAAATCTCCAAGAAGTCTATGTCTAACTACTAC
 AGAGGAGAGGCACAGCCGCTCACAGAGGCGCCATTCTGTGAGAAGTGCCGTCGTAGATGTCGGCCTCAATA
 TCAGTCAGCCTCAAAGCTTTCTGGATAAAGAAAATGTCTGTAAAAATGGTGACAATTCGTCTGATAGGGA
 GAATTGCTTCGAGCAGCTTGACTTGAGAGCTATTTATAAAGCAGAGGAGCCTGAAGTTTCTTCAAAAGAA
 GTACAGAATTCTGGAGAGATTTCTGAGCTATCAGTTAGTCACCAGGAAGAAGTCACAGAAGATGGCGTTG
 ACAGCCTCGCCATTACCTCACCCTGGTCTCCAGCTGGCATCTTCAAGGGAAGTGGCCTCAGGACAACCTC
 CCTGAGGCCTGATAGAGAGGTGAGCTGTGAAGGCTTAGAGCCTCTGGAAGAGGACATGGCTTTAAATGAA
 GCCTTGCAAAAATTAAAAACAGACTAACAAAAAGCAGGAAGTGCAGATTCAAGACCTCCATGGTAAGAACT
 TGAACCTAGAAAAATAGGGTTCAAGAACTACAGACAAAGGTCACCAACACAGCAGTGTGGTTGATATCAT
 AAATAAATAAGGTGAACATTGAGGAGTTAATCAATGATAAATACAACGTAATCCTAGAGAAGAATGAC
 ATCAACAAGAACTTCAGGATCTGCAGGAAGCTTCGGCTCACACCAAAAAGCACCTTCAGGAATCCAAGA
 AAGACAAGGAGAGCCTCCAGCTCCAGGTGAAAAAGATTAAGGTCCATTACGTGCGCTTACAGGAAAGGTA
 TATTGCTGAGATCCAGCAGAAGACAGATCGGCCAGTCAGTGCCTGGAGATAGAAAAGACCTTAAGCAAG
 AAAGACGAGGAGCTCCAGCGCTGCAGCGCCACAAAGGGGAGCTGGAGAAGGCCACCAGTTCTGCCCTGG
 ACTTGCTGAAGCGGGAGAAGGAGATCCGGGAACAAGAGTTCTTGTCTTTTCAGGAGGAATTCAGAGGCCG
 GGAAAAGGAAAGCCTGAAAGAAAGGCGGAAATTGAAGTCGAGAGTTGAGAAGCTGGTCGCTCAAGTGAAA
 AGCTTGCTGTTACCTGTGAGAGCGAGAGAGCTCAAACCATGGCGCTCCAGCGGAGGTGGAAGAGCTGA
 AGCTGGAGAAGTTAGAAGTCCGACAGCTGGCTGCGAAGAGGGAGGCCAAGCTTGACCCCTAGCTTTGA
 GATTACTCAGTCAAAGGAGCAGCTGGAGGAAGCGGTGGAGCCGGACATACCCAGGTATCCATGCAGACG
 CTGAATTCTAACACAATCCCCAGAGTTTACCCAGTCTAGTGATGGACGCTCAGACTGGACACTCAGAGT
 GTTCGTAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC082568

Insert Size: 1548 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC082568](#), [AAH82568](#)

RefSeq Size: 3465 bp

RefSeq ORF: 1547 bp

Locus ID: 71213

Cytogenetics: 13