

Product datasheet for **MC222062**

Cage1 (NM_027724) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cage1 (NM_027724) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cage1
Synonyms:	4933427I01Rik; Ctag3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222062 representing NM_027724
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGAGTCGAAACAATAAATGTCAATGGTCCTCTCAAGACTTCTCCTACTCAGACTCGCCCTTCT
 GTATGGAAGCCAGCTTCTCCTCCTCAGACTGCTTCAGAGTGAAACAAAGAATGTGAAAAGGGAAATGA
 GTCTACACACACGTTCTCTGAGGATATTTATAGCACAGAAGGCAGTTTGTAGGTGATATCAACCTTGGG
 AATTACCCAGAGAGTGAGCAGAATCAACCAGCTAACACTAGGCTTTCTCCTTGAGACAATTTGAACCCA
 TTTGCAAAATTTCACTGGATAGAAGCGTTTAAACGATGAAATGACAGTTGAAGACCTGAGGGGGCGTTTTCT
 TTAICTCGGAGAAGCCAGAGTTGCCAAGCCAGGTATACAATGATGCAGCAGATGCCAGTAAAAGCCAGAT
 CCATTTAAGGAAGAAAGTTCAGTGGAAAGTAGCATTTCGAAAAAAGGACGAACCTGTTCCCGCGCCAG
 TGAGGAAATCTCCAAGAAGTCTATGTCTAACTACTACAGAGGAGAGGCACAGCCGCTCACAGAGGCC
 ATTCGTGAGAAGTCCGTCGTAGATGTCGGCCTCAATATCAGTCAGCCTCAAAGCTTTCTGGATAAAGAA
 AATGTCTGTAAAAATGGTGACAATTCGTCTGATAGGGAGAATTGCTTCGAGCAGCTTGACTTGAGAGCTA
 TTTATAAAGCAGAGGAGCCTGAAGTTTCTTCAAAGAAGTACAGAATTCGGAGAGATTTCTGAGCTATC
 AGTTAGTCACCAGGAAGAAGTCACAGAAGATGGCGTTGACAGCCTCGCCATTACCTCACCGTGGTCTCCA
 GCTGGCATCTTCAAGGGAAGTGGCCTCAGGACAACTCCCTGAGGCTGATAGAGAGGTCAGCTGTGAAG
 GCTTAGAGCCTCTGGAAGAGGACATGGCTTTAAATGAAGCCTTGCAAAAATTAACACAGACTAACAAAA
 GCAGGAAGTGCAGATCAAGACCTCCATGGTAAGAAGTGAAGTGAAGAAATAGGGTTCAAGAAGTACAG
 ACAAAGGTCAACAAACAGCACGTTGGTTGATATCATAAATAAACTAAAGGTGAACATTGAGGAGTTAA
 TCAATGATAAATAACAACGTAATCCTAGAGAAGAATGACATCAACAAGAACTTCAGGATTCGAGGAAG
 TTCGGCTCACACCAAAAAGCACCTTCAGGAATCCAAGAAAGACAAGGAGAGCCTCCAGCTCCAGGTGAAA
 AAGATTAAGGTCCATTACGTGCGCTTACAGGAAAGGTATATTGCTGAGATCCAGCAGAAGAACAGATCGG
 CCAGTCAGTGCCTGGAGATAGAAAAGACCTTAAGCAAGAAAGACGAGGAGCTCCAGCGGCTGCAGCGCCA
 CAAAGGGGAGCTGGAGAAGGCCACAGTTCTGCCCTGGACTTGCTGAAGCGGGAGAAGGAGATCCGGGAA
 CAAGAGTTCTTGCTTTTTCAGGAGGAATCCAGAGGCGGGAAAAGGAAAGCCTGAAAGAAAGCGGAAAT
 TGAAGTCGAGAGTTGAGAAGCTGGTCGCTCAAGTAAAAGCTTGCTGTTACCTGTGAGAGCGAGAGAGC
 TCAAACCATGGCCTCCAGCGGCAGGTCAAGAGCTGAAGCTGGAGAAGTGAAGTCCGACAGCTGGCT
 GCGAAGAGGGAGGCCAAGCTTGCACCCCTAGCTTTGAGATTACTCAGTCAAAGGAGCAGCTGGAGGAAG
 CGGTGGAGCCGGACATCACCCAGGAGACAAGGGGACACATTGTAATTTGTTCTGAATCGCTCTTCTTG
 TAAAGAAAACCTGGAGCTCCAACCTCTGAAGAAAATTTCTCCGCTGGCCTCTGGAATTCACAGCCTTTTG
 GCCCTGAGAATAGGACTTCTCACGTGTCAGGACCTTGCCACGCCTGATGCTGAGCTTTGCCAAGAGAGTA
 AGAAAGCTAATGACATAATGCTGCAAAGACTGAAGGACTGTCAGCTTAAAAAGAAGGACTTAGATAAAGA
 GCTATTGAAACATAAAAAACAGAATTGCGACTCTTAAAGAGTTAATTGCTAGTAAAAGGCACTTCAAGCC
 CACACTATTGAGATCACAGATTTTATGATGCAGACGAGGTCAAGAGTGCCAGAGATGCGCCTGTGTTGCTGG
 CAGTCAAAGTGGATAAATACCACAGTCTGAATGAGGAAGTGTGCTTTGATTACAAAGCTGGGAGGGCT
 TCTGGAGAGCAAAGAAGACCACTACAGCAGACTCATTGAGGAGAATGACAAGTACCGGAGACAGTAGGC
 AGCCTGATAAATAAGGTAAAGTACATATGAAGAAATTAACAATGTGCTGACCAAAGACTTGAGATATCAC
 ATTCTCAGATTGCACACTTGAAGAGAGGAATAGACATTTAGAAGATTTAATTAGAATGCCAGAGAGAA
 AGCCAAAAGGCCAAGACCAAGATTAGATAATCACCCAAAGTCTTGACCTTGATAAGTCATCTTGAGGGC
 CACCATAAAGAATGTTCTATTTCTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027724
Insert Size: 2550 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:	<ol style="list-style-type: none">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_027724.2 , NP_082000.2
RefSeq Size:	2871 bp
RefSeq ORF:	2550 bp
Locus ID:	71213
UniProt ID:	Q5IR70
Cytogenetics:	13