

Product datasheet for **MC228323**

C87436 (NM_001243741) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C87436 (NM_001243741) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C87436
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:	>MC228323 representing NM_001243741 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAACCAAACCTCTCAGAGACTAAAGTCCCAGCTTTCTTATCTGACTTGGGAAGGCCACACTGAGGG GAATCAGGAAGTGTCCCGATGTGGTAGCTTCAATGGAACCCGTGGGTTGAGCTGTAAAGAACAAGACATG TGGAACCATATTTTCGCTATGGTCCCGAAAGCAGCCTAGCATTGAAGCTGTCAAAATCATCACCGCTCT GATCTACAGGTCTACTCTGTGCGACAGAGAGACCGAGGCCCGACTACCGATGCTTCGTGGAGCTCGGTG TTTCGGAGACTGCAATCCAGACCGTGGATGGTACAATCATCACTCAGCTGAGCTCCGGCCGATGTTACGT CCCCTCGTGTGAAAGCTGCCACTCAAGGCATTGTGGAAAACCAAGTGTCAACACATCAAGCTAGCGGTG ACCTGCCAGGCGGAGGCCACCCCTCTGACCCTGAAGAGCTCAGTCTGAATGCTCTGCAGGCTGCCCCAG AAACCAAGCAGAGCCTCTGGCAGCTGGCCACCGAGCCACGGGGCCCTGGTACAGAGAGTCACTAAAAA CATTATGGTGGTAAAATGCAAAGCCAGCCAGAAGCACAACCTGGGCTACTTGCACGCGTCTTTCATGCAG AAGATCAGCTCCAGAAGCTTGGCCGAGCGCCGCTTCTTCTGCTCTGCCAGACTCTGAGGCCACACAAGT CCAGCGTCCCCAAGGCTGAGGCAGCCCCAAAGTGCATCCATTTCTTTGCTTGTCTCTGTGCCCTTGGCAG CGATGAGACATTGGCTCAGGAGTTCTCGGACTTCTGAACTTCGATGCCAGTGGCTGCCATGCAGAGTCA TCTGTCTCAGCTTGTGAGTCTGCTGCCTTAAGCCCCGGAAGAGGAAGAAGGATGAAGTGTCTGGTGCAC AGGTGAACAGCTCACTGATGCCGAAGATGCAGTAAACAGCAATCTAAGGAAGAGTGGCTGAAAAGGCC TGTGGTTACGTCATCATTGAAAAGGCACGTCTGTGGTCAGCTGTTAGATGAGGCACAAGTACCCTGTCC TTCCAAGACTGGCTGGCCAGTGTACAGAGCGCATCCATCAAACCATGCACATCAGTTTGTATGGCAAAC CAGAACCCTGGTGTCCACATTCTCAGTCTTTTTTGTGATGCCTTGAACAGAGAATATCCATAGGAAG TGCAAAGAAGCGGCTCCCAACTCCACTACAGCTTTTGTTCGGAAGATGCCTTGGCACTGGGAACCTTT TCCAAGTACACCTGGCATATACCAATATTCTGCAAGTCAAACAATCTTAGACACCCAGAGATGCCCC TGGAAATCACACGTAGCTTTATCCAGAACCAGGATGGAACCTACGAGCTGTTAAATGCCCAAAGTGGAA AGTAGAGAACATAGCGGAAAGCTACGGCCGCATAGAGAAGCAGCCTGTGCTGAGACCTTTGGAGCTGAAA ACCTTCTCAAAGTTGGTAAACTTCCCAGATCAAAGGAGCCAACGCCCTTTATCATTGAGTGGATCC CAGATATCTCCACAGTCCAAGATTGGTGGCTTCAATCAAGTTTGTATGGTACCACCGGATGG ACATGTGGCTGACTACCAGACCAAGGCCACCATGGACCAACCTTTGGAGCTGGCCCTCTGACTACT ATCACTTCCCTTGA AGCGGACCGACGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-RsrII
ACCN:	NM_001243741
Insert Size:	1695 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001243741.1](#), [NP_001230670.1](#)

RefSeq Size: 3018 bp

RefSeq ORF: 1695 bp

Locus ID: 232196

UniProt ID: [Q8R3C1](#)

Cytogenetics: 6 D1