

Product datasheet for **MC202069**

Cdsn (NM_001008424) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Cdsn (NM_001008424) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Cdsn |
| Synonyms: | A1747712 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC055373 sequence for NM_001008424
AAGAGGTAATCCGGCATAAAGGTCCCGGTGCCATGAGCTTCTGTGTCAGTCAGGAGGCCACGCTGTGCACA
ATGGGTTCTCGCAGGCACCCCGGATGGGGAGTGTGGGAGGGCACGGGCTGATGGCATTGCTGATGGCCG
GTCTTATTCTGCCAGGAATCTTGGCTAAGAGCATTGGGACCCTCTCGGACCCCTGTAAGGACCCACAG
GATCACCTCCCGAATGACCCTGTCTCATTGAAAGACTGGCTCCAACAGCATCAGCAGCAAGGTGGA
TCCAGCAGCTTCAGCAGCAAGGTGGATCCAGCAGTTTCAGCAGCCATGGTGGATCCAGCAGCTCCCAGG
GAAGTTCTTCAGGATCCTTGATATATAAACCCAGGAACAGGGTATTCAGAGTAGCTACTCTTATGGCTC
TGGCGGCTCCCGCCAGGAGGCAGTGGCTCTCAGACAGGAAGCAGCAGCTCTCAGACAGGAAGTAGTAGC
TCTCAGTCAGGAAGCAGCGGCTCTCAGTCAGGAAGCAGTGGCTCTCAGTCAGGAAGCAGCGGCTCCCAGT
CAGGAAGCAGCGGCTCCCAGTCAGGAAGCAGCGGCTCCCAGTCAGGAAGCAGCGGCTCTCAGTCAGGAAG
ATGGGTAAGCAGCAGTTCTCAATGGGTAAGCAGCAGTTCTCAGTCCGGAAGTTCAGGAAGCAGTCGCGAC
AGACCCGGAAGTGGCTCTGCTCTACCAACCGGTGACAAGACATCAGGCATGTCTCAGTCTGGAGGCTCGT
CCACTTCCAGAGCAGCAGCTCCAACCTGCGGCCCTGTAGCTCCAACGTGCCGACTCTCCCTGCAGCGG
GGGGCCTGTCATCACACTCGGGGCCCTACATCTCTGGCACCCACACCGTATCCGGTGGCCAGAGACCT
GTAGTGGTGGTAGTGGAGCACCATGGCTCTGCTGGCCCTGGGTTTCAAGGCATGCCCTGTAGCAATGGAG
GCCCCGAGGTAAGCCCTGCCCTCCCATCACTCTGTCCAGAAACCCTATGGCGGCTATGAGGTGGTGGG
TGCTCTGCCAACAGTTATCTGGTCCCAGGCATGACCTACAGTGGGGGTAATCTACCCCGTGGGCTAC
TTCACCAAGGACAACCCTATCAGGGGCTCGCCAGGGGCCCCCTCCTTTCAGCTGGGCCCCCAGTCTCTG
AGGGCAAGTACTTCTCTAGCAACCCCATCATCCCAGCCGTGGCTCTTCCAGTTCAGTGGCTACCCAGT
GGGCGTTGTGTTCCAGCCCGTGGGCTCTGGCGGGTTCAGCCCTGTGGCACTGGCTCTGTGAGCTAAG
GGCCCTTGCTCGGGTACGAGAATTCAGATCACCTCCAGCAGCTCCAGTACCTCCTACCACCCCTGCAGCG
GTGGTTCTTCCAGGGGCTTGTCTCTCACCAGCACCGGCTCCATCAGTGGGGGAAGCTCCTCCCTCTC
CTCTGGCAAAATCGTCTCAGCCCTCGGGCAGCAAAATCTACCTCTTCCGGTTACCCCTGCTTTCTGTT
CCCTCCTCCCCATTGAATGGTGGTCTGAATGGCTCTCCTCAGCCTGTCCCCTCCGTGGGTGTCAAGCTCT
GTGGCCTCAACAGCCCTGGAAGAGTGCCTGCCGTTCCATCCGCAACATTCTGACCCAAGTGAAGCCTTT
GGGGCCCCAGTTAATGGATCCCAAAGTTTCTCTGCCACAGGGAGAGCCACAGGGAGGCCACTTGAGAAG
TCTTAAGTCACACATGCCAGCTATTTTCCAATTGCCAGTACCTCCCAACTGGAAGACGTCCAGGGGCC
AGTTTCTGCCCTCCCCCGGGAGAGCTGCCTCACATGCTGCGGTTAGCCGGATGATGCTCTTGACTTTA
TTCAACACTCAAATGGTGGACTCCATCCTCCTCGTCTTCTGGTGTCTGACCATGCTGCTGGG
TGTTCTCTGTCCGATTACCTGCCTAAAACGCACTTTTTTACTGGGAAGTCTCGAACACACACCTC
AACCTTGGGTGCCTGGATAAGTCAAGCATGCCTCTGCCGTTTGCCAAATAGGCAAAGTCCAATCCATC
GCCTGAGAACCAAAGTGCATGTCTCAGCGACCCCGCCCATCCGTTCCAGTCCAGCCTCTAAATGTTG
GGTCCCACCATTCATCATGAGTTTACCACACCTACCAGACCCATTTCCAGCACACCTGTGCCTCTCC
TTCCCCAGCTCTCCATGTGAGTTTCTGCCTGGTGTGCTTACCCACAGCACAGATGTTACTCTGTGTGT
GTGTGTGCCCCAGGGCAGCCACAGAATCTGGCAGACTCCCAGTTCCTCTGGATCCTAGACAGGGCTC
AATAAACTTTGTGGACTTTGTGCAGACTATTTGCCTTCTTGGGGTCCAAGGTCTCTTCTTAGTTCCTGGG
TAGTAGACCTCCTGTGCTCTAGAGGGCCTGGTAGTACACCTCCCGTGCCTCTAGAGGGCTGGTAGTA
CACCTCCCGTGCCTCTAGAGGGCCTGGTAGTACACCTCCCGTGCCTCTAGAGGGCTCACGTCTCCATTT
CCATTCATAACTTGGCTCAGTGTTCCTATATTACCCCTCCTCCACAGAGAAGGAAAACAATAAATATT
GATTGAGCTGAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_001008424
Insert Size: 1686 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).

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| 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: | <u>BC055373</u> , <u>AAH55373</u> |
| RefSeq Size: | 2755 bp |
| RefSeq ORF: | 1686 bp |
| Locus ID: | 386463 |
| UniProt ID: | <u>Q7TPC1</u> |
| Cytogenetics: | 17 B1 |
| Gene Summary: | Important for the epidermal barrier integrity.[UniProtKB/Swiss-Prot Function] |