

Product datasheet for MC212016

Cadm3 (NM_053199) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cadm3 (NM_053199) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cadm3
Synonyms: BlgR; Igsf4b; Necl-1; Necl1; SynCAM3; Tsl1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212016 representing NM_053199
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGGGCCCTCCGCCCTGCCCTGCTCCTGCTCCTCGCTGCTCCTGGGCGCCCGGGGGCCCAATC
 TTTCCCAGGACGATAGCCAGCCCTGGACATCTGATGAAACAGTTGTGGCTGGTGGCACAGTGGTTCTCAA
 GTGTCAAGTAAAAGACCATGAAGACTCATCTCTGCAGTGGTCTAACCCCTGCTCAGCAGACCTATACTTC
 GGGGAGAAGAGAGCCCTTCGAGATAATCGGATTACGCTGGTATAGCTCTACTCCCATGAGCTCAGCATCA
 GCATCAGCAATGTGGCGCTGGCCGATGAGGGGGAGTACACGTGCTCCATCTTCACTATGCCTGTGGCAAC
 CGCCAAGTCCCTTGTCACTGTGCTCGGAATCCACAGAAACCCATAATCACTGGTTATAAGTCATCATTG
 CGGGAAAAGGAGACAGCCACTCTAAATTGTCACTTCTGGGAGCAAACCTGCAGCCCAGCTCACCTGGA
 GGAAAGGTGACCAAGAACTCCACGGGGACCAACACGAATCCAGGAAGATCCCAACGGGAAAACCTTAC
 TGTGAGCAGCTCAGTGTCAATCCAGGTTACCCGGGAGGATGATGGAGCAAACATCGTGTGCTCTGTGAAC
 CATGAATCTCTGAAGGGAGCCGACAGATCCACTTCTCAGCGCATTGAAGTGTATACACACCAACAGCCA
 TGATTAGCCAGAACCTGCTCATCCTCGAAGGCCAGAAGCTGTGTTACATTGTGAGGGCGTGGCAA
 TCCAGTCCCCCAGCAGTACGTGTGGGTAAGGAAGGCAGTGAGCCACCCCTCAAGATGACCCAAGAGAGT
 GCTCTCATCTTCCCTTTTTGAATAAGAGTGACAGTGGCACTTATGGCTGTACAGCCACAAGCAACATGG
 GCAGCTATACAGCCTACTTACCCTCAATGTCAACGACCCAGTCCAGTGCCTCGTCTCCAGTACCTA
 CCACGCCATATTGGAGGGATTGTGGCTTTCATTGTCTTCTGCTGCTCATTCTGCTCATTTTCTTGGAA
 CACTATTTGATCCGGCACAAAGGAACCTACCTGACACACGAAGCGAAGGGTTCCGACGATGCTCCAGATG
 CGGATACGGCCATCATCAACGCAGAAGGGCGGCAGTCAGGCGGGGATGACAAGAAGGAATATTTTCATCTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053199
Insert Size:	1191 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_053199.3 , NP_444429.1
RefSeq Size:	4159 bp
RefSeq ORF:	1191 bp
Locus ID:	94332
UniProt ID:	Q99N28
Cytogenetics:	1 H3
Gene Summary:	Involved in the cell-cell adhesion. Has both calcium-independent homophilic cell-cell adhesion activity and calcium-independent heterophilic cell-cell adhesion activity with IGSF4, NECTIN1 and NECTIN3. Interaction with EPB41L1 may regulate structure or function of cell-cell junctions.[UniProtKB/Swiss-Prot Function]