

Product datasheet for MC214249

Cadm4 (NM_153112) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cadm4 (NM_153112) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cadm4
Synonyms: Igdf4c; Igsf4c; Tsl12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214249 representing NM_153112
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCGGGCCGGCGCTTCCAGTGGCCGCTGCTGCTGTGGGCCGGCCGGCGGGCCAGGGACGG
 GACAGGAAGTACAGACCGAGAATGTGACTGTGGCTGAGGGTGGGTGGCTGAGATCACCTGCCGTCTGCA
 TCAGTACGATGGGTCCATAGTCGTATTAGAACCAGCCGGCAGACCCTCTTTTCAATGGCACCAGA
 GCTCTGAAGGACGAGCGATTCCAGCTGGAGGATTCTCCCGCGCCGGTGGCGCATCAGGCTCTCAGACG
 CCCGCTGGAGGACGAGGGGGTTACTTCTGCCAGCTCTACACGGAGGACACCCACCATCAGATCGCCAC
 GCTCACTGTCTTAGTGGCTCCGGAGAATCCTGTGGTGGAGGTCCGAGAGCAAGCAGTGGAGGGCGGGCAG
 GTGGAACCTCAGCTGCCTGGTCCGCGGTCCGCCCCGAGCGGTCTGCGCTGGTATCGGGATCGCAAGG
 AGTTGAAAGGAGTGAGCAGCGGCCAGGAGAACGGCAAGGTGTGGAGCGTGGCAAGCACCGTGGGTCCG
 TGTGGATCGCAAGGACGCGGTGGTATTGTCATCTGCGAAGCACAGAACCAGGCGCTGCCCTCGGGACAC
 AGCAAGCAGACGAGTACGTGCTGGATGTGAGTATTCCCCACAGCGCGGATCCACGCCCTCAAGCTG
 TAGTGAGGGAGGGAGACACTCTGGTGTGACCTGTGCTGTACAGGGAACCCAGGCCAAACCAGATCCG
 CTGGAACCGTGGGAATGAGTCTCTGCCAGAGAGGGCGGAGGCGGTGGGCGAGACGCTCACGCTACCTGGC
 CTGGTATCTGCAGATAACGGCACCTACACCTGCGAGGGCGGAACAAGCACGGCCACGCGAGGGCGCTCT
 ACGTGCTTGTGGTCTATGACCCCGTGCAGTGGTAGAGGCTCAGACATCGGTTTCTTACGCCATTGTGGG
 CGGCATCTGGCGCTACTGGTGTCTGATCATATGTGTGCTAGTGGCATGGTCTGGTGTCTCCGTCGA
 CAGAAGGGATCTATCTGACCCATGAGGCCAGTGGCTTGGATGAGCAGGGAGAAGCCAGAGAAGCCTTCC
 TCAATGGCGCGATGGACACAAACGAAAGAAGAATTCTTCATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_153112
Insert Size:	1167 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:	<u>NM_153112.3</u> , <u>NP_694752.1</u>
RefSeq Size:	2155 bp
RefSeq ORF:	1167 bp
Locus ID:	260299
UniProt ID:	<u>Q8R464</u>
Cytogenetics:	7 A3
Gene Summary:	Involved in the cell-cell adhesion. Has calcium- and magnesium-independent cell-cell adhesion activity. May have tumor-suppressor activity.[UniProtKB/Swiss-Prot Function]