

Product datasheet for MC213090

Cadm2 (NM_178721) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cadm2 (NM_178721) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cadm2
Synonyms:	2900078E11Rik; 9330131D06; A830029E02Rik; Igdf4d; Igsf4d; NECL3; SynCAM 2; SynCAM2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC213090 representing NM_178721 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATTTGGAACGCAGCGGGTTCTCCGTTCTACAGTGTCTGCGGGCTCCTGTTACAAGCGGCTGCTT
CAAAAAGTAAAGTCAAAGGCAGCAAGGGCAGTTCCACTAACTCAGAATGTCACGGTTGTTGAAGGTGG
AACTGCAATTTGACCTGCAGAGTTGATCAAAATGATAACACCTCCCTCCAGTGGTCAAATCCAGCTCAA
CAGACTCTGACTTCGATGACAAGAAAGCTTTAAGGGACAATCGGATCGAGCTGGTTCGCGCTTCTTGGC
ATGAGTTGAGCATCAGTGTGAGTGTCTCTCTCGGATGAAGGACAGTACACCTGCTCCTTATTAC
AATGCCTGTCAAACTTCCAAGGCTATCTCACTGTCTGGGTGTTCCGGAGAAGCCTCAGATTAGTGGA
TTTTCGTCACCCGTCATGGAGGGAGACCTGATGCAGCTGACGTGTAAGACGTCCGGCAGTAAGCCTGCGG
CTGATATAAGATGGTTCAAAAATGACAAAGAAATCAAAGATGTGAAGTACTTGAAAGAGGAGGATGCTAA
CCGAAAGACCTTACCCGTTAGCAGCAGCTGGATTTCCGAGTGGACCGTAGCGATGATGGAGTGGCGGTC
ATCTGCAGAGTAGACCATGAGTCCCTCAATGCCACCCCTCAGGTAGCCATGCAGGTGTAGAAATCACT
ATACACCATCAGTTAAGATTATACCATCGACTCCTTTTCCACAAGAAGGGCAGGCTTTAAGCTTGACCTG
TGAATCTAAAGGAAAACCACTGCCAGAACCTGTTTTGTGGACGAAAGATGGTGCCGAATTACCAGATCCT
GATCGAATGTTGTGAGTGGTAGGGAACCTCAACATTCTCTTCTGAACAAAACGGACAATGGCACTTACC
GATGTGAAGCCACTAACACCATTGGCCAAAGCAGTGCCGAGTATGTCCTCATTGTTACGATCCCAATTC
TCTGGCTGGCCAGAATGGCCCTGACCATGCTCTCATCGGAGGAATAGTGGCTGTTGTTGATTTGTAC
CTGTGCTCCATATTCCTGCTTGGCCGATATCTGGCAAGACATAAAGGAACATATCAACAAATGAAGCTA
AAGGAGCCGAAGATGCACCAGATGCCGACACAGCCATTATCAATGCTGAAGGCAGCCAAGTCAATGCCGA
AGAGAAAAAGAGTATTTCAATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_178721
Insert Size:	1215 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_178721.4 , NP_848836.2
RefSeq Size:	9580 bp
RefSeq ORF:	1215 bp
Locus ID:	239857
UniProt ID:	Q8BLQ9
Cytogenetics:	16 C1.3- C2
Gene Summary:	<p>Adhesion molecule that engages in homo- and heterophilic interactions with the other nectin-like family members, leading to cell aggregation. Important for synapse organization, providing regulated trans-synaptic adhesion. Preferentially binds to oligodendrocytes (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>