

Product datasheet for **RN214288**

Cadm4 (NM_001047107) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cadm4 (NM_001047107) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cadm4
Synonyms:	Igsf4c; Necl-4; Upar
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214288 representing NM_001047107 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
GCC

ATGGGCCGGGCCGGCGCTTCCAGTGGCCGCTGCTGCTACTGTGGCGGCCGGCGGGGCCAGGGACGG
CACAGGAAGTGCAGACAGAGAATGTGACGGTGGCCGAGGGTGGGTGGCTGAGATCACCTGCCGTGCA
TCAGTATGATGGGTCTATAGTCGTCATTCAGAACCAGCCGGCAGACCCCTTTTTCAATGGCACCCGA
GCCCTGAAGGACGAACGATTCCAGCTGGAGGATTCTCCCGCGCCGAGTGCGCATCAGGCTCTCAGACG
CCCGCCTGGAGGACGAGGGGGCTACTTCTGCCAGCTCTACACGGAGGACACCCACCACCAGATCGCCAC
GCTCACTGCTTAGTGGCTCCGGAGAATCCTGTGGTGGAGGTCCGAGAGCAAGCAGTGGAGGGCGCGAG
GTGGAACCTCAGCTGCCTGGTCCGCGGTCCGCCCGCAGCGGTCTGCGCTGGTATCGCGATCGAAGG
AGCTGAAAGGAGTGAGCAGCGGCCAGGAGAACGGCAAGGTGTGGAGCGTGGCGAGCACTGTGCGTTCCG
CGTGGACCGCAAGGACGACGGCGGTATCGTCATCTGTGAAGCGCAGAACCAGGCGCTGCCCTCGGGGCAC
AGCAAGCAGACGCAGTACGTGCTGGATGTGAGTATCCCCACAGCTCGGATCCACGCCTCAAGCTG
TAGTCAGGGAGGAGACACTCTGGTGTGACATGTGCTGTACAGGAACCCAGGCCAAACCAGATCCG
CTGGAACCGTGGGAATGAGTCTCTGCCAGAGAGGGCGGAGGCGTTGGCGGAGACGCTCACGCTGCCTGCC
CTGGTATCTGCAGATAACGGCACCTACACTGCGAGGCGGGAACAAGCACGGCCAGCCAGGGCGCTCT
AGGTGCTTGTGGTCTATGACCCCGAGCAGTGGTAGAGGCTCAGACATCGGTTCCCTACGCCATCGTGGG
CGGCATCTGGCGCTACTGGTGTCTGATCATATGCGTGTAGTGGTGTGGTGTGCTGTGCGCA
CAGAAGGGCTCCTATCTGACCCATGAGGCCAGTGGCTGGATGAGCAGGGAGAAGCCAGAGAAGCCTTCC
TCAACGGCAGTGATGGACACAAGCGAAAGAATAATTCTTCATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Ascl-Mlul
ACCN:	NM_001047107
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_001047107.1</u> , <u>NP_001040572.1</u>
RefSeq Size:	1167 bp
RefSeq ORF:	1167 bp
Locus ID:	365216
UniProt ID:	<u>Q1WIM1</u>
Cytogenetics:	1q21
Gene Summary:	Involved in the cell-cell adhesion. Has calcium- and magnesium-independent cell-cell adhesion activity. May have tumor-suppressor activity (By similarity).[UniProtKB/Swiss-Prot Function]