

## Product datasheet for **RN215412**

### **Cadm3 (NM\_001047103) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cadm3 (NM\_001047103) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cadm3  
**Synonyms:** Igsf4b; Necl-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN215412 representing NM\_001047103  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGGGCCCTCCGCCCTGCCCTGCTCCTGCTCCTCGCTGCTCCTGGGGCGCCGGCGGGGCAATC  
TTTCCCAGGACGATAGCCAGCCCTGGACGTCTGATGAAACAGTGGTGGCTGGTGGCACAGTAGTGCTCAA  
GTGCCAAGTCAAAGACCATGAAGACTCATCTCTGCAGTGGTCTAACCCCTGCCAGCAGACTCTATACTTT  
GGGGAGAAAAGAGCCCTTCGAGATAATCGGATTCAGTGGTTAGCTCCACCCCGCATGAGCTCAGCATCA  
GCATCAGCAACGTGGCACTGGCCGACGAGGGCGAGTACACATGCTCCATCTTCACTATGCCTGTGCGGAC  
CGCCAAGTCCCTCGTCACTGTGCTCGGAATCCACAGAAACCCATAATCACTGGTTATAAGTCATCGTTG  
CGGAAAAGGAGACAGCCACTCTAAATTGTCACTTCTGGGAGCAAACCTGCAGCCCAGCTCGCCTGGA  
GAAAAGGTGACCAAGAACTCCACGGGGACCAGACGCGAATCCAGGAAGATCCCAATGGGAAAACCTTCA  
TGTGAGCAGCTCGGTGTCACTCCAGGTTACCCGGGATGATGATGGAGCAAACGTCGTGTGCTCTGTGAAC  
CATGAATCTCTGAAGGGAGCTGACAGATCCACCTCTCAGCGCATTGAAGTGTATACACACCAACAGCCA  
TGATTAGCCAGAACCTGCTCATCTCGTGAAGGCCAGAAGCTGTTGTTACATTGTGAGGGCGTGGCAA  
TCCAGTCCCTCAGCAGTACGTGTGGTAAAAGAAGGCAGCGAGCCACCCCTCAAGATGACCAAGAGAGT  
GCACTCATCTTCCATTTTGAACAAAAGTGACAGTGGCACCTATGGCTGTACAGCCACGAGCAACATGG  
GCAGTATACAGCCTACTTCACTCTCAATGTCAACGACCCTAGTCCAGTGCCTCATCTCCAGTACTTA  
CCACGCCATCATTGGAGGATCGTGGCTTTCATCGTCTTCTGCTGCTCATTCTGCTCATTTCCTTGGAA  
CACTATTTGATCCGGCACAAAGGAACGTACCTGACACACGAAGCGAAGGGCTCCGACGACGCCCCAGATG  
CAGATACGGCCATCATCAACGCAGAAGGCGGGCAGTCAGGCGGGGATGACAAGAAGGAATATTTTCATCTA  
G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001047103
<b>Insert Size:</b>	1191 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001047103.1</a></u> , <u><a href="#">NP_001040568.1</a></u>
<b>RefSeq Size:</b>	1191 bp
<b>RefSeq ORF:</b>	1191 bp
<b>Locus ID:</b>	360882
<b>UniProt ID:</b>	<u><a href="#">Q1WIM3</a></u>
<b>Cytogenetics:</b>	13q24
<b>Gene Summary:</b>	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 (By similarity).[UniProtKB/Swiss-Prot Function]