

## Product datasheet for **RN202433**

### **Cd248 (NM\_001106325) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cd248 (NM_001106325) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd248
Synonyms:	Cd16411
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN202433 representing NM\_001106325  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGCTGCGCCTGCTGCTGGCCTGGGCGGCCGGTGCCTGCGCACTGGGCCAGGCCCTGGACGCCGG  
 AGCCTAGAGCCGCTGCGGCCAGCAGCTGCTACGCTCTTTTCCCGCGCCGCACATTCTGGAGGC  
 TTGGCGGTCTGCGCGAATTGGGGGCAACCTGGCCACACCGAGGACCCCGAGGAGGCCCGACGTGTG  
 GACAGCCTGGTGGGCGTGGACCCGCCAACGGGCTGCTATGGATTGGTTGCAGCGGCAGGCTCGGCAAT  
 GCCAGCCACAGCGCCACTGCGGGGTTTATATGGACCACGGGAGACCAGGACACCGCCTTCACTAACTG  
 GGCCAGCCGGCTACGGAAGGACCCTGCCCGGCCAGCGCTGTGCTGCCCTTGAGGCCAGCGGAGAACAT  
 CGCTGGCTCGAAGGCTCGTGCACACTGGCTGTCGATGGTACCTCTGCCAGTTTGGTTTTGAGGGTGCCT  
 GTCTGCCTTGGCGTTGAGGTGGGCCAAGCCGGTCCAGCTATCTACACCACACCCTTCACTGGTTTC  
 CAGTGAGTTTGAATGGCTACCTTTGGCTCCGTGGCAGCTGTGCAAGCTGGCAGGGGAACGTCT  
 CTGTTGTGTGTAACAACCTTACAGGTGGCGTTGGCTGGTCCCAGACTGGCCACTGTGTCCAGGGACTG  
 GCTGTGGTCTGACAATGGGGTTGCGAACATGAATGTGTGGAAGAGTTGGATGGCGGTATGTCCTGCCG  
 CTGCAAGTGAAGGCTTCCGTCTAGCAGCAGATGGGCACAGTTGTGAAGACCCTTGTGCCAGGCCCTGT  
 GAGCAGCAGTGTGAGCCTGGTGGCCACAAGGCTACAGCTGCCACTGTGCGCTAGGCTTCCGGCCAGCTG  
 AGGATGAGCCACACCGCTGCGTGGACACGGATGAGTGCCAGATTGCTGGTGTGTGCCAGCAGATGTGTG  
 CAACTATGTTGGTGGCTTGGTGTACTGCAGGGAGGGTTCATGAGCTTGAGGCAGATGGTATCAGTTGT  
 AGCCCTGCAGGAGCTATGGTGGCCAGGCTTCCAGGATCTTAGAGACGAGTTGCTGGATGATGGAGAAG  
 AAGGGGAGGATGAAGAGGAGCCCTGGGAGGACTTCGATGGCACCTGGACAGAGGAGCGGGGACCCTATG  
 GATGGCACCTACACATCCGCTGACTTTGGCTGCCCTATAGGCCCAACTTCCACAGGATGGAGAGCCT  
 CAGAGATTGCACCTGGAGCCTACCTGGCCACCCCACTTAGCGCCCCAGGGGCCCTACCACTCCTCAG  
 TGGTGTCTGCCACACGGCCATGGTAATCTCTGCCACTCGACCCACACAACCTTCTGCCGAAAGACCTC  
 TGTTATTTAGCCACACACCTACCCCTAACCTGTCCACCCACCTGCCCTAGCCCTACCAACCTCCA  
 GCCGTGCTCCCTGAGCACCAGATCCCCAAATCAAGGCCAGTTATCCAGACTTGCCTTTTGGCCACAAGC  
 CTGGGATAACCTCAGCCACTCACCCAGCACAGCCTCCTCCTCACCAGCCCCCATCATCTCAACGAAATA  
 TCCCCAAGTCTTCCCTCCCAGCAGGCCCTATGTCTCCAGACACCCACACTATCACTAATTTGCCTCTA  
 ATCCCATCTCACCTTACCTGGGATACCACTTCCCAAGCCGGTCACTCCTTTGCTCCAGATGTTT  
 CAGGTATCAGAACCCAGGCTCCCAGGTTTCTGTCTCAGCTCTCCAGCCCTCTCTGCCTACCAACTCCAG  
 GTCTTCTGTCCATGAACCCCTGTGCTACTGCCAACCCAGCCCCAGCCTTCCCTTCTCCCTGCCCCCT  
 CAGAGCCCCATTAACAGACCTCATCTATCAGCCCTACACACTCCTATTCCAGAGCCCTCAGGTCCCAA  
 GGAAGGAGCTCCAGTCCCAAATCAGTGCCAAGGCTGCACTCAGTGGCCCCACAGCAGCTCCAACAGC  
 CCTGGCAGAGTTGGTCTTGCAGGCCAAAGCCAGAGAGATGACCGATGGCTGCTGGTGGCACTCTTGGA  
 CCAACGTGTGCTTCTTGGTGGTCTGCTCGCATTGGGCATTGTGTAAGTCACTCGCTGTGGCTCCATA  
 CGCCCAACAAGCGTATCACTGACTGCTATCGCTGGGTACGCATGCTGGGAACAAGAGCTCAACAGAACC  
 CATGCCCCAGAGGCAGCCTTACAGGGGTACAGACCTGTAGAACCAGTGT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1502\\_b05.zip](https://cdn.origene.com/chromatograms/ja1502_b05.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106325

**Insert Size:** 2295 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_001106325.1</a></u> , <u><a href="#">NP_001099795.1</a></u>
<b>RefSeq Size:</b>	2565 bp
<b>RefSeq ORF:</b>	2295 bp
<b>Locus ID:</b>	293669
<b>Cytogenetics:</b>	1q43