

## Product datasheet for **RN203848**

### **Cdhr5 (NM\_138525) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdhr5 (NM_138525) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdhr5
Synonyms:	Mucdhl; Mupcdh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203848 representing NM\_138525  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGCTCCGGCCCTCCTGTGGCCTCCCTGTGTGCCATTGCTCACGGTGTGTTGGCCACCTTC  
 CAGGGACCTTGGCCAGGCTCAGGTCTGCTCTGCGAACCCAGACCGTGTACAATGAACGAGAACCAC  
 TGTTTCTGGGCCACTGGCGGACATTTTTGTCCAGAACAGGACAGTATGTGACCTTGGGACAGTTGTCCACC  
 CCTAATGCCTTTAAGGTTGAGGGCAATAAGCTGTTTCTCATCGTACTCCAGATTATGAGGAAAACCTTT  
 TGCTGGAGGACAGTCTGGAGTGTAAAGAGAGGAGATACTTTGGTGACACAGTTCCAGGGTGTGTGGCTGT  
 CCTGGACATCAATGACAATGCACCAGAATCCCTTTACAATCAAGGAATATAATGTATCGGAGGACACC  
 AGAGTGAATACGATCGTCATCCCTGAGACAGAGCTGAAGGCTACAGATGCTGACAAAGATGACATCTAG  
 TCTACACTCTGCAGGAAGTGACCCCAATGCCAGCAAGTCTTCTCCCTGGTGGGCATAAATCCCTGC  
 TCTGAAGTTGGACCAGACCTGGATTACTACAAGAGTCCGAACATGACCTTCAGGCTGCTGGCACGGGAT  
 ACTAGGGAAGAGAATGTAATCCAGCCATACGGCCACTGCCACCGTGGTCTTGAACGTGCTGCCAGCTG  
 ACCTACGGACCCCTGGTTCCTGCGGTGCTCCTTACGGATGACTACTTCTGCATTACAGGCCAGTACCA  
 CACAGTTATCCCCACAGGACACAACTGCCATCCCTCTCATCTTGAGTCTGGTCCCATCTATGCTGTG  
 GACGGAGATCAGGCCATTAACCAGCCTATCGTCTACAGCATTATGATGGGAAACACGGATGACACATTTA  
 TCATCAACAAAGACGATGGCAACCTCACGATGGCCAAAAGTATCCCCAGCCCCATGACCTTACCCTGGT  
 GGTGAGGCTGAGCAGGCTGACATGGCTCGATACTCAGTACTCAGGCGGTTGTGGAGGCTCGAGATGTC  
 ACTGGGAACCCACTCCAGTCTCTCAGAGCCTGTACTTTGGCACGGTGGTACTGGGTTCTGAGGCTGGCA  
 CAGCAGTGAAGGACAAGACCTCCCTTCAGAGATCCTGAGGATCCAGGCTCAGTACCTAGGCTTCCCGGA  
 CCTCAACTCGGCTGTACATATCAAGTCAACCACTCCTCAGAAATTCATCATGAATAAGGATATCTTGCTG  
 ACCACTGTGCCTATGGAGACAGAAAGAACAATCCGCATAGAGGTAGAAGCTAACAACTACTGTGACTAAAG  
 ACATAGCCACCACTATTGTGGAGATCCAGGTGTACAGAGCAGAGCCGCCCTCCACAGAGTCCCCACACC  
 CCCAGAAGCTGGAGGAACAACCTGGGCCCTCAAGTAACACCACTTTGGAAACCCCTCGACCTCTGGGACC  
 TCTCAAGGACCTGCCACAACCAGCTCTGGGGGAAGTGTGGCCATTCCCACCTGCAGGCACAACCTAA  
 GCCCACTACCTTGCCCAACTGTACCTGGGGGTCCCTACTCTTGAATCAGCACCTCTCCCCAGAC  
 AGTACTCTGGTGGGATGCAACACAGACCCCAACCAGGTACCTCTCAGCCAATGGTCCCCACTCCA  
 GGGGCTAGCACCTTTCTCAGCCAGCCACCTAGTGGCAGCTCAACCCAGACCCCAACCAGGAACCT  
 CTCAGCCAATGGTCCCCACTCCAGGGGCTAGCACCTTCTCAGCCAGCCACACCTAGTGGCAGCTCAAC  
 CCAGACCCCAAGGCCAGGAACCTCTCAGCCAATGGTCCCCACTCCAGGGGCCAGCACCTTCTCAGCCA  
 GCCACACCTAGTGGCTCAACACAGACCCCAAGCCAGGAACCTCTCAGCCGACAACCCTGGGCCATAT  
 CAGGAGTAGGCGAGCTGGGTGATGGCCAGAGATTTCCACGGTGGACATGGCAGTGTGGGCGGGTGT  
 AGGGGCACTGCTGTTGCTGGCCCTCATCTTCTTGATCATCCTCATCCATAAGCACTACCGACATCGGTT  
 ACTTGTGCTCTGGCAAGGCAAAGGAGCCACAGCCAAGTGGCTATGACAACCTGACCTTCTCCCAGACA  
 ACAAGGCCAAGTGGTCAACCACTCAACCGGAAGCCAGAGCCGGGCCCTGAGCCTGTCCAGCCGCCCT  
 CCGGCCTCCTAGTCCCATGTCTTCCAGTCCCACGCCCCAGCTCCATGCCTCTAGCCCTCAGCCCAAA  
 GCTTCCGGGTCTCCAAGACAGTCCAGGACAGGGGACAGTCTTCCAGCCGTGAGGTCTATCCTGACTAAGG  
 AGCGGCGGCCGGAGGGGAGGGCGGCTACAAGGCTGTGTGGTTCGGCAAGGACATCGGGGACAGGCTGA  
 TGTGGTGGTCTCAACGAACCCACCGCCGACGTGGACAGCGCCAGTGCCTCGGGAAGTGGGGGAGCGAT  
 GATGATGATGACCCTGACCAGAAGAAGAGTCTCCGCCCTGGCGCAGTCGCAGACAACACTTACGCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_138525  
**Insert Size:** 2589 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>	<a href="#">NM_138525.1</a> , <a href="#">NP_612534.1</a>
<b>RefSeq Size:</b>	2712 bp
<b>RefSeq ORF:</b>	2589 bp
<b>Locus ID:</b>	171554
<b>UniProt ID:</b>	<a href="#">Q9JIK1</a>
<b>Cytogenetics:</b>	1q41
<b>Gene Summary:</b>	cell adhesion molecule which may be involved in regulation of branching morphogenesis [RGD, Feb 2006]