

## Product datasheet for **RC206397**

### **MUPCDH (CDHR5) (NM\_031264) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MUPCDH (CDHR5) (NM_031264) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MUPCDH
Synonyms:	MLPCDH; MU-PCDH; MUCDHL; MUPCDH
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide  
Sequence:**

>RC206397 representing NM\_031264  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGTCTTGGGCCCTGCTGTGGCCTCCCTGCTGTTACACGGGCTGCTCGTCCGACCCCGGGGACCA  
 TGGCCCAGGCCAGTACTGCTCTGTGAACAAGGACATCTTTGAAGTAGAGGAGAACAACAATGTCACCGA  
 GCCGCTGGTGGACATCCACGTCCCGGAGGGCCAGGAGGTGACCCTCGGAGCCTTGTCCACCCCTTTGCA  
 TTTCCGGATCCAGGGAAACCAGCTGTTTCTCAACGTGACTCCTGATTACGAGGAGAAGTACTGCTTGAGG  
 CTCAGCTGCTGTGTGAGAGCGGAGGCACATTGGTGACCCAGCTAAGGGTGTTCGTGTGCTGGACGT  
 CAATGACAATGCCCCGAATCCCTTTAAGACCAAGGAGATAAGGGTGGAGGAGACACGAAAGTGAAC  
 TCCACCGTCATCCCGAGACGCAACTGCAGGCTGAGGACCGGACAAGGACGACATTCTGTTCTACACCC  
 TCCAGGAAATGACAGCAGGTGCCAGTACTTCTCCCTGGTGAGTGTAAACCGTCCCGCCTGAGGCT  
 GGACCGGCCCTGGACTTCTACGAGCGGCCGAACATGACCTTCTGGCTGCTGGTGGGGGACTCCGGGG  
 GAGAATGTGGAACCCAGCCACACTGCCACCGCCACACTAGTGCTGAACGTGGTCCCGCCGACCTGCCGC  
 CCCCCTGGTTCTGCCCTGCACCTTCTCAGATGGCTACGTCTGCATTCAAGCTCAGTACCACGGGGCTGT  
 CCCCACGGGGCACATACTGCCATCTCCCTCGTCTGCGTCCCGGACCCATCTACGCTGAGGACGGAGAC  
 CGCGGCATCAACCAGCCCATCTACAGCATCTTAGGGGAAACGTGAATGGTACATTCATCATCCACC  
 CAGACTCGGGCAACCTCACCGTGGCCAGGAGTGTCCCGAGCCCATGACCTTCTTCTGCTGGTGAAGGG  
 CCAACAGGCCGACCTTGGCCGCTACTCAGTGACCCAGGTACCGTGGAGGCTGTGGCTGCCGCCGGGAGC  
 CCGCCCCGCTTCCCCAGAGACTGTATCGTGGCACCGTGGCGCTGGCGCTGGAGCGGGCCTTGTGGTCA  
 AGGATGCAGCTGCCCTTCTCAGCCTCTGAGGATCCAGGCTCAGGACCCGGAGTCTCGGACCTCAACTC  
 GGCCATCACATATCGAATTACCAACCACTCACACTTCCGGATGGAGGGAGAGGTTGTGCTGACCACCACC  
 ACACTGGCACAGGCGGGAGCCTTCTACGACAGGTTGAGGCCACAACACGGTGACCTCTGGCACCGCAA  
 CCACAGTCATTGAGATACAAGTTTCCGAACAGGAGCCCCCTCCACAGGTGGCGGCCCTCGGAGGACAA  
 GCGCTTCTCGGTGGTGGATATGGCGGCCCTGGCGGGGTGCTGGGTGCGCTGCTGCTGGCTCTCCTT  
 GGCCTCGCGTCTTGTCCACAAGCACTATGGCCCCGGCTCAAGTGTCTGCTGGCAAAGCTCCGGAGC  
 CCCAGCCCCAAGGCTTTGACAACCAGGCGTTCCTCCCTGACCACAAGGCCAACTGGGCGCCCGTCCCCAG  
 CCCCACGCACGACCCCAAGCCCGCGGAGGCACCGATGCCCGCAGAGCCCGCACCCCCGGCCCTGCCTCC  
 CCAGGCGGTGCCCTGAGCCCCCGCAGCGGCCGAGCTGGCGGAAGCCACGCGGTGAGGTCCATCC  
 TGACCAAGGAGCGCGCGCGGAGGGCGGGTACAAGGCTGTCTGGTTTGGCGAGGACATCGGGACGGAGGC  
 AGACGTGGTCTTCTCAACGCGCCACCCTGGACGTGGATGGCGCCAGTACTCCGGCAGCGCGGATGAG  
 GGCGAGGGCGCGGGGAGGGGTGGGGTCCCTACGATGCGCCCGTGGTGTGACTCCTACATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTAA



**Reconstitution Method:**

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\\_031264.3](#), [NP\\_112554.2](#)

**RefSeq Size:** 2837 bp

**RefSeq ORF:** 1956 bp

**Locus ID:** 53841

**UniProt ID:** [Q9HBB8](#)

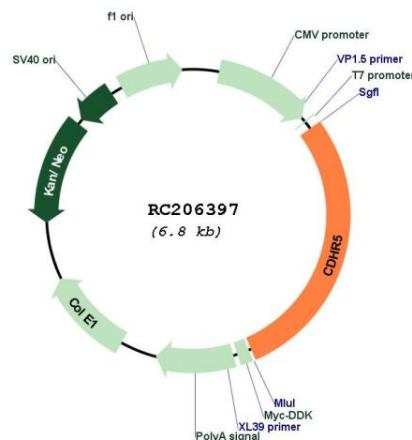
**Cytogenetics:** 11p15.5

**Protein Families:** Transmembrane

**MW:** 69.4 kDa

**Gene Summary:** This gene is a novel mucin-like gene that is a member of the cadherin superfamily. While encoding nonpolymorphic tandem repeats rich in proline, serine and threonine similar to mucin proteins, the gene also contains sequence encoding calcium-binding motifs found in all cadherins. The role of the hybrid extracellular region and the specific function of this protein have not yet been determined. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jan 2010]

## Product images:



Circular map for RC206397