

Product datasheet for MR215148

Pcdh10 (NM_001098172) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcdh10 (NM_001098172) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pcdh10
Synonyms: 6430521D13Rik; 6430703F07Rik; mKIAA1400; OL-pc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR215148 representing NM_001098172
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATTGTGCTGTTATTCTTTGCCTTGCTCTGGATGGTGGACGGAGTCTTTTCCCAGCTTCATTATACTG
TGCAGGAAGAGCAGGAACATGGCACTTTTCGTGGGAATATCGCTGAAGACCTGGGCTTGGACATTACAA
ACTTTTCAGCTCGCAGTTTCAGACGGTGGCCAACCTCACGGACCCCTTACTTGGACCTCAATCTGGAGACC
GGGTTCTGTACGTAAACGAGAAGATAGATCGCGAGCAAATCTGTAAAGCAGAGCCCTCTTGTGTCTGTC
ACCTGGAGGTCTTTCTGGAGAACCCTGGAGCTGTTCCGAGTGGAGATCGAAGTCTGGACATCAATGA
CAACCCTCCCTCCTTCCCAGAGCCCGACCTGACAGTGGAGATCTCAGAGAGCGCCACGCCAGGCACCCGC
TTTCCCTTGGAGAGCGCCTTCGACCCAGACGTGGGGACCAACTCCTTGCAGACTACGAGATAACCCCAA
ATAGTACTTCTCGCTAGACGTACAGACCCAGGGAGATGGCAACCGATTGCGCGAAGTGGTCTGGAGAA
GCCACTGGACCGAGAACAGCAAGCGGTGCACCGTACGTGCTGACCGCGTGGACGGGGAGGAGGGGGA
GGAGGAGGGGAAGGAGGGGGAGGCGGTGGGGAGCCGGCTGCCCCAGCAGCAGCGTACTGGCACGG
CCTTGCTACCATCCGAGTCTCGACTCCAACGACAATGTGCCCGCTTTTGACCAACCCGCTACACAGT
TTCCCTACCAGAAATTCCTCCCTGGCAGCTAGTGATCCAGCTAATGCCACCGACCCTGATGAAGGC
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CCTACGTGCCATCAACTCAGACAACGGCTACTTGTACGCCCTGAGATCCTTCGACTATGAGCAGATCAA
 GGACTTCAGCTTTCAAGTAGAAGCCCGGACGCCGGCAGTCCCCAGGCGCTGGCCGGAATGCCACGGTC
 AACATCTTGATAGTGGATCAGAACGACAACGCCCCGCCATCGTGGCGCCCTTCCGGGGCGCAACGGGA
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 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215148 representing NM_001098172
 Red=Cloning site Green=Tags(s)

MIVLLFFALLWMVDGVFSQLHYTVQEEQEHGTFVGNIAEDLGLDITKLSARRFQTVANSRTPYLDLNLLET
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 FPLESAFDPDVGNTSLRDYEITPNSYFSLDVQTQGDGNRFAELVLEKPLDREQQAVHRYVLTAVDGGGGG
 GGGEGGGGGGAGLPPQQRTGTALLTIRVLDSDNVPADFQPVYTVSLPENSPPGTLVIQLNATDPDEG
 QNGEVVYFSSHISPRARELFGLSPRTGRLEVSGELDYEE SPVYQVYVQAKDLGPNVPAHCKVLVRVLD
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 LDREAGDSYTLTVVARDRGEPALESTSKSIQVQVSDVNDNAPRFSQPVYDVYVTENNVPYAYIYAVSATDR
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 NILIVDQNDNAPAIIVAPLPGRNGTPAREVLPRSAEPGYLLTRVAAVDADDGENARLTYSIVRGNEMNLFR
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 CGRQARARKKLSKSDIMLVQSANVPSNPAQVPVEESGGFGSHHHNQNYCYQVCLTPESAKTDLMLFKPC
 SPSRSTDAEHNPCGAIVTGYSQQPDIIISNGSILSNENKHQRAELSYLVDRPRRVNSSFQAEADIVSSKD
 SGHGDSEQGDSDHVTNRGQSAGMDLFSNCTEACKALGHSRDCWMPSPFVPSDGRQAADYRSNLHVPGMDS
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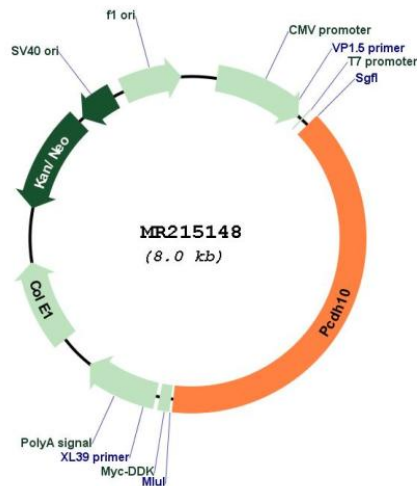
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001098172

ORF Size:

3141 bp

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001098172.1, NP_001091642.1</u>
RefSeq Size:	4241 bp
RefSeq ORF:	3144 bp
Locus ID:	18526
Cytogenetics:	3 B
MW:	114.4 kDa