

Product datasheet for **MR208594**

Pcdhb22 (BC094239) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Pcdhb22
Synonyms:	PcdhbV, Pcdhb15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence: >MR208594 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGTTGCTAAGGTCTCTGCTAAGGATTTAGACACTGGGACAAATGGAGAGGTATCATACTCTCTTTTC
 ACAGTTCTCAGGAAATGAGCAAACTTTTGGCTAAACGCCCTGTGAGGAGAAGTTCGACTAATCAAAAC
 ACTGGACTTTGAGACAACACCTTCATATGAAGTACAGATAGAGGCAACTGATGGCGGGGCTTTCTGGA
 AAATGCTCTGTTTCTATTCAGGTGGTGGATGTCAACGATAATTACCCAGAACTAATTATATCATCGCTCA
 CCAATCCAATCCCAGAAAATTCACAGAGACAGAGGTGGCTCTGTTTCGGATTCGAGACCGAGACTCTGG
 AGAGAATGGAAGGACAATTTGTTCCATCCAGGATGGTGTCCCTTTACACTGGAACCTTCCGTTGAGAAC
 TTCTATAGACTGGTGACAGATGGAGCTCTGGACAGAGAGATCAGAGCTGAGTACAACATTACTATCTCCG
 TCACCGACCTGGGCATACCAAGCTCACAACCCAGCACACCATAACAGTGCAGGTGTCCGACATCAACGA
 CAATGCCCCCGCTTTACCAAGTCTCTACACCATGCTCGTCCAGGAGAACACAGCCAGCCCTGCAC
 ATAGGCACCATCAGCGCCACAGACTCAGACTCAGGCTCCAATGCCACATCACCTACTCGTTGCTGCCGG
 CCCAGGAGCCACAGCTGGCCCTCAACTCACTCATCTCCATCAACGCTGACAACGGGAGCTGTTCCGCT
 CAGGGCGCTGGACTACGAGGCCCTGCAGGCCTTCGAGTTCACGTGAGTGCCACAGACCGAGGCTACCA
 GCGCTCAGCAGCCAGGCTCTGGTGCGCATAGTGGTCTGGACGACAATGACAATGCGCCCTTCGTGCTCT
 ACCCGATGCAAGATGCCCTCTGCGCCCTGCACAGAGCTGCTGCCAGGGCGGCAGAGCCCGGCTACCTGGT
 CACCAAGGTGGTGGCTGTGGATCGGACTCTGGCCAGAATGCCTGGCTGTGTTCCAGCTGCTCAAGGT
 ACAGAGCCCGGTTGTTACGCTGTGGCGCACAATGGTGAGGTGCGCACCCAGGCTGTTGAGTGAGC
 GAGATGTACCAAGCACAGGCTGCTGCTGGTGGTCAAGGACAATGGAGAGCCTCCGCGCTCTGCTAGCGT
 CACACTGCAGGTGCTAATGGTGGATGGCTTCTCTCAGCCCTACCTGCCTCTGCCAGAGGTGGTGCGGAC
 CCCAGTCACCAGGAAGGTGATGTGCTCACGCTGTACCTGGTCATAGCCTTGGCTTCTGTGCTTCTCTCT
 TCCTCTTGTCTGTGCTGCTGTTTGTGGGGTGAGGCTGTGCAGGAGGGCCAGGAGGCTCTCTGGGTGG
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 AGCTACCAAGTATGAGGTGTGCTTACAGGAGATTCTCAGAGTAATGAGTTCAAAATCTTGAAGCCTGTGT
 TTTCTGGTATTGTAGACAAAATATGGTAGGCAACCAGATGATCAGTCTTCTCAAGTGTTTTAGGTAT
 G

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 ACAAGGATGACGACGATAAGGTTAA

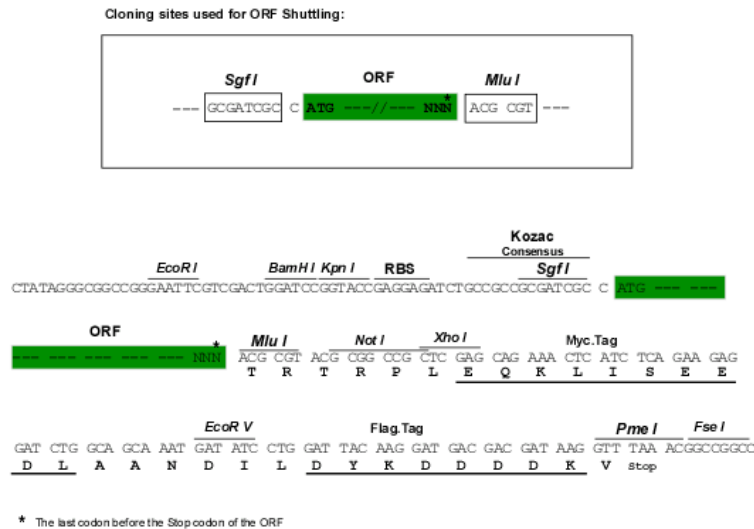
Protein Sequence: >MR208594 protein sequence
 Red=Cloning site Green=Tags(s)

MYAKVSAKDLDTGTNGEVSYSLFHSSQEMSKTFELNALSSEVRLIKTLDFETTPSYELDIEATDGGGLSG
 KCSVSIQVVDVNDNYPELIISLTNPISPENPETEVALFRIRDRDSENGRTICSIQDGVPTLEPSVEN
 FYRLVTDGALDREIRAENITISVTDLGIPKLTQHTITVQVSDINDNAPFTQVSYTMLVHNNPALH
 IGTISATDSDSGNAHITYSLLPAQEPQLALNSLISINADNGQLFALRALDYEALQAFEFHVSATDRGSP
 ALSSQALVRIVLDDNDNAPFVLYPMQNASAPCTELLPRAAEPGYLVTKVVAVDNRDSGQNAWLSFQLLKA
 TEPGLFSVWAHNGEVRTTRLLSERDVPKHLRLVVKDNGEPPRSASVTLQVLMVDGFSQPYLPLPEVVRD
 PSHQEGDVLTLVIALASVSSLFLLSVLLFVGVRLLCRRAREVSLGGCSVPEGHFPGHLVDVSGAGTLSQ
 SYQYEVCLTGDSQNEFKFLKPVFSGIVDQNYGRQPDQSFSSVLGM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC094239

ORF Size: 1611 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:

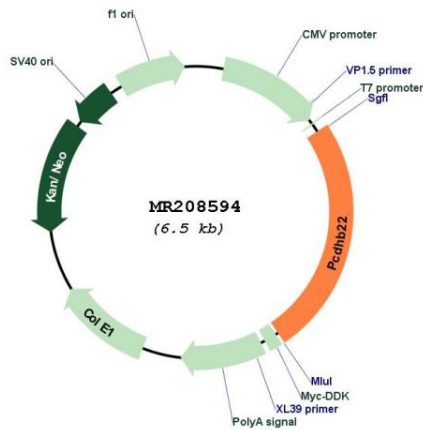
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC094239](#), [AAH94239](#)

RefSeq Size:	2287 bp
RefSeq ORF:	1613 bp
Locus ID:	93893
Cytogenetics:	18 B3
MW:	58.4 kDa

Product images:



Circular map for MR208594