

## Product datasheet for **MG214506**

### **Pcdhb11 (NM\_053136) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhb11 (NM_053136) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pcdhb11
Synonyms:	Pcdhb5E; PcdhbK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG214506 representing NM\_053136  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGACAGCGCTAGCAAAAATGCCAGAGCAAAGGCAAGTCTTTTTTCTTACTATCTTGTGTCTGTTGT  
 GGAAGTCTGGCTCTGGGGCAACTAGATATTCATGCCAGAAGAAAAGGAGAGTGGCTATTTGGTGGCAAA  
 CGTGGCAAAAGATCTGGGGCTCAGGGTTGGAGAAGTGGCCACTAGAGGAGCTCAAATCCATTACAAAGGA  
 AACAAAGAGCTCTTGAGATGGATGCAGAGACTGGGAATTTGTTCTTAAAGGAAAAACTAGACGGGAGG  
 CACTGTGTGGGGCAGACAACCCGTGTGCTGCACTTCCAGGTCATACTGGAAAACCCGTGCGATTCTT  
 CCAAAGTGAAGTGCAGCTCACTGATATAAACGACCACTCTCCAGAGTTCCTGACAGGGAATGCTTCTA  
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 GCAATGCCGTTCCAGAACTACACAGTCAGTCCCAACATCCATTTCCAGTCACTACTCACAGTCGCTCAGA  
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 ATCCTCACCGCTCTGGATGGGGGTGCTCCGCCTCGGTGAGGAACCACTATAGTTCACATTGAAGTCGTGG  
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 GTGTCACACTTCAAGTGTACTGGTGAATGTTTTCTCAGCCCTACCTTTCTCTGCCTGAGGTGGCACA  
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 CTCTTCTCTGTCTGTCTTATGTTTGTGGGAATGAGGTTGTGCAGGAGGGCCAGGGAGGCTTCTCTGG  
 GTGCTGCTGTGCCTGAGGGCCACTTCCCTGGCCACCTGATGGATGTTAGCGGAACGGGACTCTGTC  
 CCACAGTATCAGTATGATGTGTCTATCAGGAGACTCTAGGACTGGTGAATTTAAATTCCTCAAACCC  
 ATGATTCCAATGTAATGGTCCAGGAGGCTGGGAGAGAAGTGAAGGAAAAATCCCCCTGCAGGGATAGCT  
 TTGATTCACT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG214506 representing NM\_053136  
 Red=Cloning site Green=Tags(s)

```
METALAKMPEQRQVFFLTILLLLWKS GSGATRYSMPEEKESGYLVANVAKDLGLRVGELATRGAQIHYKG
NKELLQMDAETGNLFLKEKLDREALCGATEPCVLHFQVILENPVQFFQTEQLQTDINDHSPEFPDREMLL
KIPENAQP GTVFPLKAAQSDIGSNAVQNYTVSPNIHFHVITHSRSDGRKYPELVLDRALDREEQPELTL
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LFQGDGLSQPFVIDEVTGEIRLSKELDFEGISHYNIIEAATDGGDLLGKCTVVIQVLDVNDNAPELMIRK
LTVVPENSAETVVAVFSVSDSDSGDNGRIVCSIQNNIPFLLKPTFENYYTLVTEGPLDRESRAEYNITI
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LPQDPQLALASLISINPDNGQLFVLRALDYESLQAFEFVVGATDQGSPALSSQTLVRVVVLDNDNAPFV
LYPMQNASAPCTELLPREAESGYLVTKVVAVDRDSGQNAWLSFQLLKATEPGLFSVWAHNGEVRTTRLLS
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LFLLSVLMFVGMRLCRRAREASLGVCSP EGHFPGHLM DVSGTGTLSHSYQYDVCLSGDSRTGEFKFLKP
MIPNMVQ EAGREVKENPPCRDSFVFS
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



**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\\_053136.3](#), [NP\\_444366.3](#)

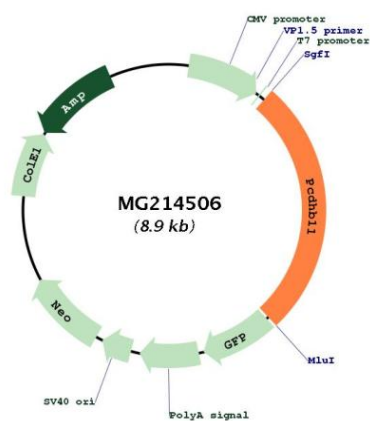
**RefSeq Size:** 3615 bp

**RefSeq ORF:** 2394 bp

**Locus ID:** 93882

**Cytogenetics:** 18 B3

**Product images:**



Circular map for MG214506