

## Product datasheet for **MR213602**

### **Pcdhb7 (NM\_053132) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhb7 (NM_053132) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pcdhb7
Synonyms:	Pcdhb4B; PcdhbG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>MR213602 representing NM\_053132  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTTAAGATTCTCCAAGAAGAAATCAGAGTTCAGCATTTCAAAGCTTTGAAATTCTAAAGGATTGG  
 TTGCAAGCACTCAATGGGACCTCATGGAGAAGCTGGAGAAAGCTACCCAAAAAGGCAAGTAATCGCTTT  
 TATTTTTATGATGGTTTTGGTTCAAGTTTGCAGTGGAGCAACAACCTCAATACTCTATCTTAGAGGAAACA  
 GAAAGTGGCTCCTTTGTAGCCACCTGGCCAAGGATCTGGGTCTGGGAGCTAGGGAGCTGGCTGCCAGGT  
 CTGCACGGGTGGTGTCTGATGATTACAAGCAGAGATTGCTGCTGGATCCTGAGACTGGAGATTTGCTTCT  
 GAGGGAGAAAGTAGACCGGGAGGAGGTGTAGCACTGTGGATCCTGTGTGCTGCATTTCCAGGTGACT  
 CTTGAAAAGCCAGTGAATATTTCAAGGAGAATTATTGATCCAGGACATAAATGATCATGCTCCAGAAT  
 TTCCAGAAGGGGAAATGCTATTGAATATACCAGAAAACAGCCAGCCGGGCACTCTGTTACCACTGAATTT  
 AGCCCAGGACTTGGATGTGGGCAGCAATGGGCTTCAACAATACACAGTCAGCCCCAACTCTCATTTTCAT  
 GTCCCTCACTCGAAATAATAGCGAGGGCAAGAAATACCCAGAGTTGGTGCAGGACAGAGCCCTGGACAGAG  
 AGGAGCAGGCAGAGCTGAGCTTAACCTCATAGCTCTGGATGGAGGGTCTCCACCGAGGTGAGGAACAGC  
 TCTGGTTCGAATCCTGATCATGGACATCAATGACAATGCTCCTGAGTTTGTGAACAGCCCTATGAGGTG  
 CAGGTCTTAGAGAGCAGTCTCCAGACTCCCAGTCTGACTGTCTTCGCACAGGATGCAGATGCTGGCA  
 ACTTTGGGAGAGTTTCTATGGCTTCTTCAAGCATCAGATGAAATCCAGAGAACGTTCTCAATAAAACAA  
 AGTCACAGGAGAAATACAACGAAAAGGAATTGGATTTTGAATAAATTTTACCATGTGAAAATT  
 GAGGCCACGGATGGGGGAGGGCTTCTGGGAAAGGCTTGGTAATAGTAGAGGTGTTGGATGTGAACGACA  
 ATGCCCCAGAGCTGACCATATCTCACTGACCAGCTCCAGAAAATGCTCCTGAGAGCAGATAAG  
 CATCTTACAGAGTTGGAGACAGGATTCCGGAGAGAATGCAAAGGTGGTTTGTCTATTCCAGAGAATCTG  
 CCATTCATTCTAAAATCTACCTTCAAGAATTTCTACACTCTGGTACAGAGAGCCCTCTGGACAGAGAGA  
 GCAGAGCTGAATACAACATTACCATCATGGTCTCCGACCTGGGCACACCCAGGCTCACAACATGGCACAC  
 CATAACAGTGCAGGTGTCCGATGTCAACGACAATGCCCCGCCTTACCCGAACCTCCTACACCATGTTT  
 GTCCGCGAAAACAACAGTCTGCCCTGCACATAGGCACCATCAGTGCCACAGATTCAGACTCAGGCTCCA  
 ATGCCACATCACCTACTCGTCTGCTGCCCATGATCCGGAGCTGCCACTCTCCTCGTTAATCTCCAT  
 TAATGCTGACAACGGGCAGCTGTTCCGCTCAGGGCGCTGGACTACGAGGTCTGCAGGCCTTCGAGTTC  
 CACGTGGGTGCCACAGACCGGCTCATCTGCGCTCAGCAGCCAGGCTCTGGTGCCTGGTGGTGTCTGG  
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 GCCCAGGGCGGCAGAGCCTGGATACCTGGTCAACAAGGTGGTGGCAGTGGACCGGACTCTGGTCAAAT  
 GCCTGGCTGTATTCCAGCTGCTCAAAGCCACGGAGCCCGGGCTGTTACGCGTGTGGGCTCACAATGGCG  
 AGGTGCGCACCAGCAGGCTGCTGAGCGAGCGAGATGCGCCCAAGCACAGGCTGCTGATGCTGGTCAAGGA  
 TAATGGCAGCCTCCGCGGTCTGCCAGTGTCACTTTCATGTGCTGCTGGTGGATGGCTTTTCCCAACCC  
 TACCTCTCTGCTGAGGTGGCGCCCGACCCACACAGGAAGTTGAGGATGCGCTCACTGTGTACCTGG  
 TTATTGCCTTGGCATCTGTATCTTCTCTTCTTCTTGTCTGTGGTGGCTTTTCGTGGGATAAAGTTGTG  
 CAGGAGAGCCAGGAACCTCTCTGGTGGCTGCTCTGTGCTGAGGAACTCTTCTGGCCACATGGTG  
 GATGTCAGTGGCACAGGACCTTGTCCACAACATCAATATGAAGTGTGTCTGACCAGGACTCTGGGA  
 TTGGTGAAGTTCAAATTCCTCAAACCCATGATCCCCAACCTGTTGGTTCAAGACGCTGGGAGAGAACTTAA  
 TGAATACTTCATTGCAGGGATAGCTTTGTATTCAAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR213602 representing NM\_053132  
Red=Cloning site Green=Tags(s)

MLRFLQRRNQSSAFQSFNGSKGLVASTQWDLMEKLEKAHPKRQVIAFIFMMVLVQCSEPTTQYSILEET  
ESGSFVAHLAKDLGLGARELAARSARVVSDDYQRLLLDPETGDLLLREKVDREEVCSTVDPCVLHFQVT  
LEKPVQYFQGELLIQDINDHAPEFPEGEMLLNIPENSQPGTLLPLNLAQDLDVGSNGLQQYTVSPNSHFH  
VLTRNNEGKYPPELVQDRALDREEQAELSLTLIALDGGSPPRSGTALVRILIMDINDNAPEFVNSPYEV  
QVLESSLPDSPVLTVFAQDADAGNFGRVSYGFFQASDEIQRFSINKVTGEIQLKKELDFEKIKFYHVKI  
EATDGGGLSGKGLVIVEVLDVNDNAPELTISSTSSVPENAPETIISIFRVGDRDSGENAKVVCIPENL  
PFILKSTFKNFYTLVTESPLDRESRAEYNITIMVSDLGTPRLTTWHTITVQVSDVNDNAPAFTRTSYTMF  
VRENNSPALHIGTISATDSDSGSNAHITYSLLLPHDPELPLSSLISINADNGQLFALRALDYEVLAQAFEF  
HVGATDRGSSALSSQALVRVVVLDNDNAPFVLYPMQNASAPCTELLPRAAEPGYLVTKVAVDRDSGQN  
AWLSFQLLKATEPGLFSVAHNGEVRTSRLLSERDAPKHRLMLVKDNGEPPRSASVTLHVLLVDGFSQP  
YLSLPEVAPDPTQEVEDALTVYLVIALASVSSLFLLSVVLFVGIKLCRRAREPSLGGCSVPEELFPGHMV  
DVSGTGTLSHNYQYEVCLTRDSGIGEFKFLKPMIPNLLVQDAGRELNENLHCRDSFVFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9097\\_b08.zip](https://cdn.origene.com/chromatograms/mm9097_b08.zip)

**Restriction Sites:** Sgfl-Mlul



- 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\\_053132.3](#), [NP\\_444362.3](#)

**RefSeq Size:** 3506 bp

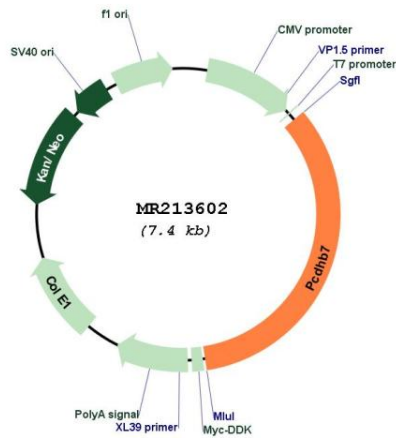
**RefSeq ORF:** 2490 bp

**Locus ID:** 93878

**Cytogenetics:** 18 B3

**MW:** 91.4 kDa

**Product images:**



Circular map for MR213602