

## Product datasheet for **MR205795**

### Coq8b (NM\_133770) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Coq8b (NM_133770) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Coq8b
Synonyms:	0610012P18Rik; Adck4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR205795 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGCTGGAGCTAGGTGCCATGCTGCGCAGGACCTGTGGACCGCTGGGACGGCTGTTCTGCTGCCCT  
 GTGGGGGGCCCTAGGACCTAGGCCCACTGGTGGGGCCATGTAGGAGTTGCTTGGCCAAAGTGTTC  
 TCAAGACCAGCCTGGAAGAGGCCTCAGTGAAGATGACATTCGACAGGCACGGGAGGCCCGCTCAGGAAG  
 GCACCCCGGCCAGCTGAGTATCGCTCTCGTGAACGCAAGGTGCCTCCCGCATCAGTCGTTGG  
 CCAGCTTTGGGGGCTGGCTGTGGGCTTGGGCTGGGAGCGCTGGCTGAGGTGACCAAGAAGTCCTTGGC  
 AGGTGGAAGTCTGCAGCATGAGGGCTCTCTGGATTGGGCTCCAGTCCTTCTCCTCCGAGGCCAATGCT  
 GAGAGGATCGTCAGACCTTATGTACAGTCCGGGGGCTGCCCTCAAGATCGGCCAAATGCTCAGCATCC  
 AGGACAACAGCTTATCAGCCCCAGCTTCAGCGAATCTTTGAGAGGGTCCGACAGAGTGCCGACTTAT  
 GCCCGCTGGCAAATGATGAGAGTTCTAGAAGAGGAGCTAGGCAAGGACTGGCAAGACAAGTGGCTCC  
 CTCGAGGAAGTGCCCTTTGCTGCTGCCTCCATTGGGCAGGTACACCAAGGCTTGCTAAAGGATGGGACTG  
 AGGTGGCTGTGAAGATCCAGTACCCAGGTGTTGCCAGAGCATCCAGAGTGACGTGGAGAACCCTGCTGGC  
 CCTGCTCAAGATGAGTGTGGCCTGCCAGAGGGCTGTTTGTGAGCAGAGCCTGCAGACCTTGCAGCAG  
 GAGCTGGCTTGGGAATGTGACTACCGCAGAGAAGCGGCTGTGCCAGACCTTCAGGAAGCTTTGGCTG  
 ACGACCCCTTCTCCGAGTGCCAGCTGTGGTGCAGGAGCTATGCACTACACGGGTGCTGGGCATGGAGCT  
 GGCTGGGGAAATCCCTCTAGACCAGTGCCAGGGCTGAGCCAAGACATCCGGAATCAGATCTGCTTTCAG  
 CTCTGAGGTTGTCTCGGGAACTGTTTGTGATTGAGTTCAGATTCATGCAGACTGATCCCAACTGGGCACT  
 TCCTGTATGATGCCTCCAGCCACCAGTGACTCTACTGGATTTTGGTGAAGCCGGGCTTTGGGCAAGA  
 GTTCACGGACATTACATTGAGGTGGTGAAGGCTGCAGCAGATGGAGACAGAGATCGAGTTCTACAGAAA  
 TCCAGGACCTCAAGTTCCTTACAGGCTTTGAAACCAAGGCATTCTCTGACGCCACGTCGAGGCAGTGA  
 TGATCCTGGGGAGCCCTTTGCTGCCTCAGGCCCTACGACTTTGGGGCTGGAGAGACTGCTCGCCGAAT  
 ACAGGGCCTCATCCCGTATTGCTTCGGCACCGGCTGCGCCACCGCCTGAGGAGACCTATGCTCTACAC  
 CGCAAGCTAGCTGGGCTTTCTTAGCCTGTGCCGCTCTCCAGCCACATCGCCTGCCGGGACCTTTCC  
 AAGATACCTACCACCGCTACTGGCCAGTCGCCAGACACTGCCGCTGCCAGCAGCTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

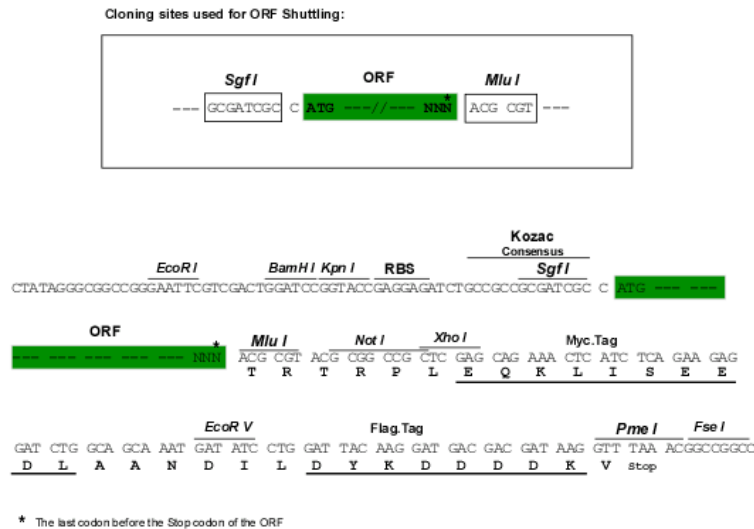
>MR205795 protein sequence  
 Red=Cloning site Green=Tags(s)

MWELGAMLRRTCGPLGRAVRLPCGGALGPRPHWWGPCRSCLAQSVHQDQPGRGLEDIRREARLRK  
 APRPQLSDRSRERKVPASRISRLASFGGLAVGLGLGALAEVTKKSLPGGSLQHEGVSGLGSSPFLSEANA  
 ERIVQTLCTVRGAALKIGQMLSIQDNSFISPLQRIFFERVQSADFMPRWQMMRVLEELGKDWQDKVAS  
 LEEVPFAAASIGQVHQGLLDKGEVAVKIQYPGVAQSIQSDVENLLALLKMSVGLPEGLFAEQSLQTLQQ  
 ELAWECDYRREACAQTFRKLADDPPFRVPAVVQELCTTRVLGMELAGGIPLDQCQGLSQDIRNQICFQ  
 LLRLCLRELFEFRFMQTDPNWNANFLYDASSHQVTLDFGASRAFGEFTDHYIEVVKAAADGDRDRVLQK  
 SQDLKFLTGFETKAFSDAHVEAVMILGEPFAASGPYDFGAGETARRIQGLIPVLLRHRLRPPPEETYALH  
 RKLAGAFLACARLHAHIACRDLFQDTYHRYWASRQTLPLPAAS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_133770

**ORF Size:** 1602 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.

**RefSeq:** [NM\\_133770.2](#), [NP\\_598531.2](#)

**RefSeq Size:** 2190 bp

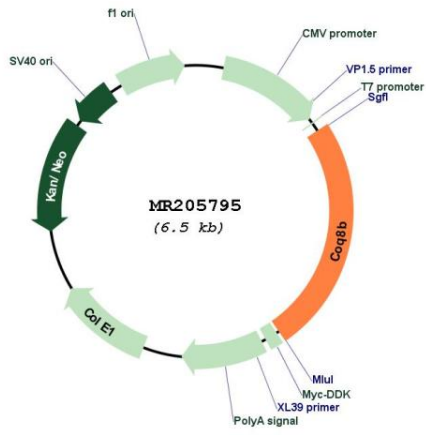
**RefSeq ORF:** 1602 bp

**Locus ID:** 76889

**Cytogenetics:** 7 A3

MW: 59.2 kDa

Product images:



Circular map for MR205795