

## Product datasheet for MR213400

### Ankub1 (NM\_001033349) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ankub1 (NM\_001033349) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ankub1  
**Synonyms:** Gm410  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR213400 representing NM\_001033349  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGGATTTTCATAGCTTTTGAAGGATCTTTGAGGCATTCGATGTTGAAGCACATACATCGGTGGGTG  
 CCATCAAGCAGATGATAAAGGATTACTTCCACATTCCTCTTTCTGAAGACAAACAAGGCAGGTGGTATCT  
 TGAGCTGATGTATGCTGGAGCGCCCTAAGGAACAGCTGGAGTCTGTCGGACGTTGGAATATCTTTCTGT  
 TCAACTCTCAAATGCTTTGTTAAGAAGGAAGACAAACCCACTCTCTATGTGTTCAATGCCGTGACCCAGG  
 AGATGATGCCAATAATGGAGAACATGTCTCTCTGGATAAAAAGGTGTCTGACCTGAGAATGCTGGTAAC  
 TCTGAGATGCGGCTTCCCTGTGAGTGTCTACTGTCTCCGGACACCAACGGGACTGGAGATGTATGACTGC  
 AACACCCTCAAGGATTACCAGACTGATATCGGCACAACACTTCGTCTGGATGTCTGGGATGGATGGAAGG  
 AATTTCTCATGGGATGTCTTCTGGGCAAAAACCTAAAGTCCAACACTACTTATCAAAGAAGGACCAGT  
 CCTCAAGTATGGAAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR213400 representing NM\_001033349  
 Red=Cloning site Green=Tags(s)

MRIFIAFEFSFEAFDVEAHTSVGAIKQMIKDYFHIPLSEDKQGRWYLELMYAGAALRNSWLSVDVGSFC  
 STLKCFVKKEDKPTLYVFNVAVTQEMMPIENMSLLDKKVSRLMLVTLRCGFVPSVYCLRTPGLEMYDC  
 NTLKDYQTDIGTTLRLD VWDGWKEFLMGCLLGQKPKVQHYLSKEGPVLKYGS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



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Chromatograms: [https://cdn.origene.com/chromatograms/mm9082\\_e06.zip](https://cdn.origene.com/chromatograms/mm9082_e06.zip)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001033349

ORF Size: 576 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\\_001033349.2](#), [NP\\_001028521.1](#)

RefSeq Size: 1759 bp

RefSeq ORF: 579 bp

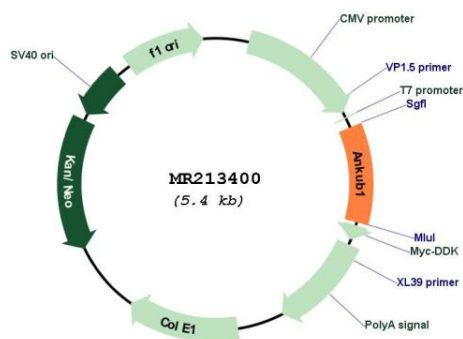
Locus ID: 242037

UniProt ID: [Q3UUE9](#)

Cytogenetics: 3 D

MW: 22 kDa

**Product images:**



Circular map for MR213400