

Product datasheet for **MC217200**

Ankrd34b (NM_175455) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd34b (NM_175455) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd34b
Synonyms:	6430502M16Rik; DP58
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217200 representing NM_175455
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATGAAGGCTCAGAAGTTTCAACGGATGGAATTCCTTGATCAAAGCAGTACATCAGAGCAGGCTTC
 GCCTCACTAGACTTTTGCTAGAAGGTGGCGCTACATCAACGAAAGCAACGACCGTGGGGAAACCCCTTT
 AATGATTGCTTGTAAAGACCAACATGTCGATCAACAGAGCGTCGGTAGAGCCAAGATGGTTAAATACCTC
 TTAGAGAACAGCGCTGACCCCAACATCCAGGACAAATCCGGGAAAAGTGCCTGTGCACGCATGCTTGG
 AAAGAGCCGGCCAGAGGTGGTTTCTTCTCTCAAGAGCGGGCCGATCTCAGCTTGACAGGACCATTC
 TGGCTACTCAGCTCTGGTTTATGCTATAATGCGGAAGACAGAGATACCCTGAAAGTCTCTTAGTGCT
 TGCCAGGCAAAGGGCAAAGAGGTTATCATTATAACACAGCGAAGTCGCCCTCTGGGAGGCACACCAACC
 AGCACCACCTAACATGCCTCCCGCAGACATGGACGGGAGCCATCCCCCGCCACGCCTTCGAAATTGA
 CATCAAAACAGCCTCGTTGCCATTTCTATTCTTCTGAGACGGACCTGACACTCTTTGGCTTCAAGGAT
 AAGGAGTTGTGTGGGGCAGTGATAATACCTGGGACCCAGACTCTCTCCGAGGAAGCCTGTGATAGCCA
 CTAATGGGCCCAAGCTATCCCAGGCTCCAGCCTGGATCAAGAGTACCCCATCATTAAAGCACCAGGCCAG
 AGTGGCCTCCTTGCAAGAGGAGCTCCAAGATATCACTCCAGAGGAAGAAATAGCCTACAAAACCAACGCG
 CTGGCACTCTCTAAGCGGTTTCATCACCAGGCACCAGAGCATCGATGTAAAGACACTGCACACTTGTCTA
 GGGCCTTTGACCAGGTCAACTCAAGGAAATGTATATGATGAAATAAATTACCATTCTTGTGTTCCAGA
 AGGAAGCCAGACAAGCGTGGAGATTCCCACTGACCGGGACCCAGACTCTAATCAGATTTTGCCTCCACG
 CTGAAGAGTATAGTTCAAAGCGAAACTCTGGGCGCAATCACTACAGCTCTGATTGCGAGCTCGCTGAGG
 GTGTCAACCCCTCAACCGTAGAAGATGGCAAAGCTGCAAAGAAAAGATCTTCGCCCATCTCTTCCTT
 GCTTTTCAGGGTCCAAAGAATTAGTGGAGCCTGCTCTCCAGGCCCTTGAGCAGGAGGAATCACGCGGTG
 TTGGAAGGCGTGGTTCCGGGGCTTTCCCTTAGACCACAGTCTGGCGCAGAGCAGACCCGGCTTTCTGC
 CGCCCTTGAATGTGAATCCTCACCCTCCATTACAGACATTGGTGTCAACAACAAGATCTGCGGCCTGCT
 TTCTTGTGGCCAAAAGCGCTTATGCCGACGGCCCTATTTTCCGAAAGAATTTAAACCAAAAAGATG
 CTGTTAAGGAGGCAGTCCCTGCAGACGGAACAAATTAAGCAATTAGTAAATTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175455

Insert Size: 1527 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [NM_175455.4](#), [NP_780664.2](#)

RefSeq Size: 3956 bp

RefSeq ORF: 1527 bp

Locus ID: 218440

UniProt ID: [Q3UUF8](#)

Cytogenetics: 13 C3