

Product datasheet for **MC216673**

Ankrd33b (NM_001164441) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd33b (NM_001164441) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd33b
Synonyms:	0610012A05Rik; 3021401C12Rik; 5730557B15Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216673 representing NM_001164441
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGTCTGGCTGGGCCCGGCCGGAGGGCGCGGGACACGCTGCTTGTCCCGCAGTCGCCGACGC
 CACCCCGTAGCGAGCAGACAGGAGAAGACCCAGCGGACTACGAGGAGTACGAAGACTTCTCTAGTCTGCC
 GGACACCCGACGATCGCATCGGACGATTCTTCTACCCCTCCCGAGGCGAGGAAGAGTACGGCTCGGTG
 AGCGCGGAGAGCGTCCCGGAGGGCGTCCCTGAGGCGGCGACCCTCTGCGCGCCGCTGCGCCAACGACG
 TGGGGTTGCTGCGGGCGCTAGTGCGGCGGGCCGAGTCCGAGGAGGTACGGGAGACTGACCGCAACGG
 CCGGACTGGCCTTATTGTTGCGTGTACCATGGCTTTGTGGATACCGTGGTGGCCTTAGCAGAGTGTCCC
 CACGTTGACGTCAACTGGCAGGACAGCAAGGGAACACAGCCCTGATCACTGCTGCACAGGCAGGGCATG
 TCACCATACCACTACTTGTGAATTATTTCCCTGGTCTGGACCTAGAAAGGAGGAACATATTTGGATT
 CACGGCCCTCATGAAAGCGGCCATGCAGGGCAGAACGGAATGTGTGCGAGCCCTTAGTATGCGAGGGCA
 GATGTTCAAGCAAGGGATCCCCGTCGTGGGCTGTCAACACAGGAGTGGGCTGCGTACACAGGCCGAGCGG
 AGGCTGTTTCGCGTCATTAGAGGCTGATGGAGCGACCCTGTCCAGAGCAGTGGGGACAAGTACAAGCT
 GGAATTGCCACTTCCCGCTGAGGCGTTTTGAAGAAGTCAGGTTCCAAAACTGCTTGCAGAGATTACCC
 GCGTTCCTGCGGTCCACTCTGACCTCTCGCTCCTCAGGCCAGAGCCTGGAGGATGGGGCGTCTTTGATC
 ACATGGTCAGGATGACCACGAGCCTCTACAGTCCCGCTGTTGCTGTAGTCTGTGACAGAGTGTGCCCTGA
 GAACCCCTCCCTGTGTGGGAAACGACGCTTGGCGGTGCAGGAAATCCTAGCAGCTAGGGGCAACCTGAAC
 GCCCAAGCGCAGGACAGCAACAAGGTAGAGTGTCTGAGCCACAATCCCAGATTTTGGAGACTCCCAGAG
 CTAGTCCCGGTCTCCCAAGTCGCCCGGCATCGAGGTCCACTCTGCCCTGTCACTCGGAAGGCCAG
 CCTCTGCCCTTTCAGTTGCTTCGGAGAAGCAGGCTGCGGCCGGCGTGGTAGTCCCAGAGTGGCGATC
 AGCAAGGCACCTGCGCCACCTTCCAGCCAGAGCGCGCAGCGTCCAAGGGCAACCAAGGACAGCATCT
 ACCTGCAGATCCCAAGTGGCGTACAAGGAGGCCAAGGAGGAGAAGGGAAGGCAGAGGAGGCGGAGAA
 GAAGCGCCAGGCAGAGGCTCAGAAAGAAAAGCGGGCGCCACGATGGAGGAAAAGGACGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164441

Insert Size: 1461 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.

RefSeq: [NM_001164441.1](#), [NP_001157913.1](#)
RefSeq Size: 7498 bp
RefSeq ORF: 1461 bp
Locus ID: 67434
UniProt ID: [Q3U0L2](#)
Cytogenetics: 15 B2