

Product datasheet for **MC217324**

Ankrd42 (NM_028665) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd42 (NM_028665) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd42
Synonyms:	4931426M20; 4933417L02Rik; Ikbn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217324 representing NM_028665
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCTGGTGTGGCTAATCCAGGCCCTCCAAGTCCCGTAGGGAGACTGCAGACTCAAGTCCAGGAAGA
AGGTACATTTTCAGTAGCATACATGATGCGGTCCGGCTGGAGATGTCAAGCAGCTGTCAAGCATAGTGGA
CGTGGTGCCAACCTTAATGAAGTGGATGCTCTCCATCAGTTTACTCCTTTACATTGGGCAGCACATTCT
GGAAGTTTAGAGTGCCTTCACTGGTACTCTGGAGTGGTGTGATGCCACACAGACAACAAGGGGAT
GGACAGCGGCTCACATAGCTGCAATCCGGGTCAGGATGCCTGCTTACAGGCTCTATAATCAATGGAGC
CAACCTAGCAACTCAAGATGATCGTGGATGCACCCCACTACACCTTGTGCTACTCATGGACTCTTTT
TCTTTACAATAATGCTGCGAAGTGGAGTGGATCCCAGCGTGACTGACAAGAGAGAGTGGAACTGTGC
ATTATGCATCTTTTCATGGCGGCTTGGTTGCTTGCAACTTCTTGTCAAATGGGGATGTGGCATCGAAGA
CGTGGACTACAATGGAACTCCCGTTTATTTAGCAGCCATGGAAGGCCACCTCATTGTTTGAATTC
CTACTGAGTAGAATGAACAGTGAACACAAGCCTTAAAAGCCTTCAATGATAATGGAGAAAATGATTGG
ACCTGGCCACGGGTTTTTGAACAGAATGTTGTAGAGTTTATTCAGGGGCTCAGTATGAAGGAAGCCA
TCCAGATGATCATGATGATTTAGCCTTTCCAGGTGATGTGGTGCCTTTAAGGGTGAAGTGAAGTCTT
AAGAACTGATAGGAGACGGGTAACTCAATCTGAATGAACGCGATGATAATGGATCAACTCCCATGCATA
AAGCTGCTGGACAGGGCCACATTGATTGTTTGCAGTGGTAAATTGAAATGGGAGCCGAAAGCAATATTAC
CAACAAAGCAGGAGAGACCCCAAGTGTGTGGCTAAGAGATTTGCCATTTGGCTGCAGTGAAGTCTTG
GAGGGCTACAGAAATATGAAATAGATGACATTGAGAGTGATAAAGATCATATAAATTTTTTACAAGGC
ATGGTGTGAAGGAAGCAGGATGCCAAGGATGACTTATGTCTGAGTGAATCAGACAAGCAAATGCCAG
AATGAGAGCTCATAAGAAAATTGTAGAATTGAGACAACCTTCTTGAATCGCTGAGAGCAACTTTAAACAC
TTGGTGGGATAACCGAAGAGGATTTAAAGCAGAAGAAAGAACAGCTGGAGTCTAAGAAGACCATCAACG
AGCTGCAGGGCCAGCTGGCCTATGAGCGACTCCGACGGGAAAAGTTAGAGTGCCAGCTGGATGAGTATCG
AGTGAAGTGGATCAACTCAAGGAAACGCTGCAGAAAATCCAGGTACCAGTGTCCGGCTATGGAAGAT
GACTCGTGTGAGTCTAGCAAAGAGAAGCGGCGAGTGAAGAAAAAGTGTACCTGGGGTGTGTTTGTGA
GAAGTACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_028665

Insert Size: 1551 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_028665.4](#), [NP_082941.2](#)

RefSeq Size: 2801 bp

RefSeq ORF: 1551 bp

Locus ID: 73845

UniProt ID: [Q3V096](#)

Cytogenetics: 7 E1