

Product datasheet for **MC201474**

Ankrd54 (NM_144849) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd54 (NM_144849) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd54
Synonyms:	C730048E16Rik; EST475269; EST1068184; Liar
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC014743 sequence for NM_144849
 GCGGGTCCGTTGGTTCGGTTCGGAGCGAGGCTGGCGCTGCCAGGCCGCGCCTAGCCGTTGCCATGGCAGC
 CACCGGCGGGGGCGGGACGACGAGTCGCGATCCGGCCGCTCGAGCTCGGACGGCGAGTGC CGGTGGCG
 CCGGAGCCTTTGGCGGAAGCCGGAGGCCTGGTGTCTTTTCGCGGACTTCGGCGTTCGCTGGGCAGCGGGC
 CCGGCCTCCCGGGCCGGTCCGTGGGCAGGGCCAGTCTCGTGCCTACCTCCAGGTCTGTGGCAGCA
 GGACGTCGAGCCTCGCGACGAACTGCGTTGCAAGATCCCGCCGGGCGGTGAGGCGTGGCCAGGCC
 CACCGTCCGGCTCGGGCCACCCGCAAGGAGGTACACGCTCTGAAGAGGCTGAGGACTCTGCCAATGCCA
 ACGACGTAGAAAACAGTGCAGCAGCTGCTGGAAGATGGGGCGGATCCCTGCGCAGCGGATGATAAAGGCAG
 AACTGCCCTCCATTTTGCTTCTGCAATGGCAATGACCAGATTGTGCAGTGCTCCTGGACCATGGGGCT
 GACCCCAACCAACAGGATGGTCTGGGCAACACGCCATTGCACCTGGCGGCTGCACCAACCATGTTCTGT
 TCATCACCACACTGCTTCGAGGAGGGGCCGTGTAGATGCCCTAGACAGAGCTGGCCGCACACCCCTACA
 CCTGGCCAAGTCGAAGCTGAACATCCTACAGGAGGGTCAATCCAGTGTCTGGAGCCGTCGCCTGGAG
 GTGAAGCAGATCATCCACATGCTACGCGAGTACCTGGAGCGCCTGGGGCGGCATGAGCAGCGAGAACGGC
 TAGATGACCTCTGACCCGCCTCCAGATGACAAGTACCAAGAAGAGGTGGATGAAGTGACGGACCTCTT
 GGGCAGCTTACCTCCCTCAGTCTGCAGATGCAGAGTATGGAGAAGAGGTAGCAAGGAGGCTGCTCCTT
 GCTTTGCCGCGCCCTCCTGCCCTCTGAGCTCGCTACCGGAAAGCCAGGGAACCTGGAGTTCACCTT
 GCCCTTGCCCTTAGATGCCGAGGGCAGAACTGACAGTCTGCGTCACTCTCTGGGTGGGACCACAGCCC
 CTGCTCCTGCTGCATAATGCCAGCCTCTGTAGCCACATTCCAGGCCACACGCTGCTGTTGTAGCAGACAC
 CACTCCTCCCGTGGCCTCCCTGTGCCACAGCACACCTCAGAGCCCTCTAGTTCTTCCAGCCATGGGGT
 CTGTTCTGTCTGCTGACTCTGAGGCCACCCGGGCTGCTTTGGGTCTCTAAGCTGTCTGCTGCC
 CTTACACCAGCACTTCAGTGTAGCCCTGCTCCTCCTTCCAAGGAAACTGCACTGTCTCTGAGCAGAA
 GAGGACATTGCTCAAGATTAGGAAGGACCTGGTTTAGCCAAAGAAAGCTCTGCAGTCTCTCCCCCGC
 AATCACTGAAACACTACGAATGGGCGTCCGTTTGCAGCCAGTCTCAGTGATTGATGGTGGTCTGG
 GCTCAGGTCCTTATCCAGGATCCTTAAGCCTTAGGTGTTGTGGCAAGAGTCTGTACAGATATATAACT
 AGAGGTATTAGCTGAGAGGGTCTGGATCACCTAGGTGAGCTGGGTATCACTCCAGGGAGCCCTGGAGG
 AGGAGGCAGGAGGTGACTGGCACCATGTGGATGTGAGATGTTGAGAAAGAAGCTGGGAGCCGGCAGAGGA
 CAGGCAGTGGGTCCCTCGGAACCTCCAGCAGGGACTGGCTCTGCTGACAGATACACCAGAGCCAGCCAG
 ACATGTTTTTATTCTGGCCTCCACAATTGTGAAAAGAAATCTGTTGGTTAAGCTGGTAAAAAAAAAAAAA AAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144849

Insert Size: 900 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: [BC014743](#), [AAH14743](#)

RefSeq Size:	1894 bp
RefSeq ORF:	900 bp
Locus ID:	223690
UniProt ID:	<u>Q91WK7</u>
Cytogenetics:	15 37.7 cM
Gene Summary:	Plays an important role in regulating intracellular signaling events associated with erythroid terminal differentiation.[UniProtKB/Swiss-Prot Function]