

Product datasheet for **MC206751**

Ankrd49 (BC019777) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd49 (BC019777) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ankrd49
Synonyms: MGC25252
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019777
AAAGGTTAGAAAGAATCAAACAATGCAGACATAATTCATCTCCTTAAAGATTGCGCCCTAGTACTTGAAA
TGCTTTTTATTTAAAAGAGTAGTAAAAATGGAAAAAGAAAAAAGGATGATGAAAAACCAGACCTGGAAA
ACTCTGTGGACTTTTCTGAACAGTTTAAACCAGCTTGAATTGTTGAAAACTCATGGACACCTGATTCCCAC
TGGTACTCAGAGTCTCTGGGTAGGCAATTCTGATGAAGATGAAGAGCAAGAGGAAAAAACAAGAGTGG
TACCAATTGCAAGAAAAAAGATGGAAAAAGATCCAAGCAAATTGCTTCTTTGGGCTGCTGAAAAAATC
GGCTTGCTACAGTGCAGAGACTACTCTCTGAGAAGGCCGCTGAAGTGAACACTAGGGATGAAGATGAGTA
TACCCCTCTTACCAGAGCAGCCTACAGTGGGCATATAGATGTTGTTTCGTGAGCTGGTGGCTAAGGGGGCA
GATGTTTACAGTGCAGTACTGTGGATGGCTGGACACCCTGCATAGTCTTGAAGTGAATAATACCAAGG
TGGCCTCTTCTTACTTACAGCATGATGCAGACATCAACGCCAAACGAAAGGCCCTTTGACCCCTTTGCA
CCTTGCTGCTGGGAACAGAGACAGCAGAGACACTCTGGAACCTCCTCTGATGAATCGTTACATCAAACCA
GAGCTGAAGAACAACCTACAAGAACTGCTTCTGATATCGCCAGGAGGACAAGCATCTATCACTACCTCT
TTGAAATTGCGGAAGGCTGTACAACTCTTACCTCCGCTTAATGACTCTAGTAATTTTAAAGTTTCAA
GTACCAGTGCCTCCCATGTGTGAGATGTAAAATATTTCCCATGTACAGAGAAAAAGATGTCTCACTACAGAA
GTTCTGTTGTGCGCATCAGACTTTCTTCCAAGTAAGCTGCCCGACCTTGATGTCACATGATTTGAGAG
GATTTGGGTACATCTGTGGAGATTTCTGCAGTGTGTGTTTTATCAGAAATAATTTGCGAGGACACAG
GTAATACAGAACTAAGGATATTTTTGGTGCTGATCCAAGAGAAAAGTATTTTTAAATATCCCGTACCC
TGGGTCTTTGTTTACAGTTTAGCACATTGACTTGTATTTTTATAAGCTAACTCCAAATTTTCATCTTTAACA
TACTGGTGCAGTTTAGCTGCTTCTCTGCATCTCCAGTTTCTTTAATTTAAACAAGAACTAAAAA
TTCGTGCTTAAACATCTTTGTAAGTTTAAAAAAGTAGTGAATGTTTAGATGTTTTGTTTTGAAGATG
TAGGCCATTCTGAGAAAAGCAGTTGGGAGATGTTAATCCTTGAATGTTTTACTGCCTCCCCACCAC
ATTCATAACCCTGTGGACAGTCTACCTACCCTGGTCAACCCATGTGACCCTTACTGTTATGGCCAGAC
AGTGTCTCCATTTAGACATGCACAAAAGTGTCTTGGTCCAAAAGATTAATAACTGCCCTCTGAAGTGT
CACCTTTCTCTTGTGGATTAGGCATTACTCATAAGTTCAGGAAATGTCCAGCACTATCCCCACGGC
CCTCATTTTCTACAAGCCATGACAAAAGGAAAAAGGACAAGGAATTCTAACAGTGAAGGATGATTGCATA
TGGGACCAGAATATCATGTGGCTCAGGCTTTCTTAAAACGAAAAAACAACCAACCAACCAACAAAC
AAATGAAAAAACAACAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	BC019777
Insert Size:	717 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:	<ol style="list-style-type: none">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:	<u>BC019777</u> , <u>AAH19777</u>
RefSeq Size:	1781 bp
RefSeq ORF:	717 bp
Locus ID:	56503
Cytogenetics:	9 A2
Gene Summary:	May have a role in spermatogenesis where it promotes autophagy in response to serum starvation, via the NF-kappaB pathway.[UniProtKB/Swiss-Prot Function]