

Product datasheet for **MR209249**

Ankrd24 (BC017633) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd24 (BC017633) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ankrd24
Synonyms:	4631433D01Rik; 5730519E19Rik; D10Bur2e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209249 representing BC017633
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGACTTCCAGGAGCTGATGCACTGATGCCAAAGAACCAGAGTCCATCAGCAGAGGAAATAGTTG
 CTTCCTACAGGAGCAGGTGGCTCAGCTACCAGGCAGAACCAGGAGCTGCTGGAAAAGGTCAGATCCT
 TGAGGAGTTTAAAAGGATGAGGCGCAGATGGCAGAAGAAAGTCAGGCCGAGGTCGTCGCCCTGGTCTTG
 TATGAATCCTTACGGGCAGAGCTTGAGCAGCTTCGGAGGCAATACACAGAGGCCATGCATTCGCAGCAGC
 AGCAGCAGGAGGGGAGCCACCCAGGGCTCAAGAAGGAGAAGAGACAGCATACCAGGAAATCAAGGATAA
 GGGAACTACTATCCAGAATGGACCCAGCGTCCCAGACCTCAACGGCACCACATATGCAGAAAACAAAGCA
 AATGGAATGGAATCCAAGCAGGAGGCTCAAGGGTGTCTGGAATACTGAAGCAGGGGTTTCAGAAGCAG
 CACCCATAGAACCCGAGGCTGCAGTTTCAGAGGCCACGGGAAAGACAGACTGGCAGCCAAGGAAATGGA
 CACTAGTGTACTATGGCTGAGGCCCTAAATGTGAAAGCTCTAGGTGACAATGCCGAAAGTGAGCCAGTG
 GCTGCCGAAGATACAGGAGGAAAAGAGAATCCAGGAATGAAAGCTGATGAGGTGGATGTGTTGGCACAGG
 CAGGGCTCACAGGTACAGTGATTAGAAACATGGAGGCCATCGGAGTGCGGGATACAGGAATTCAGGCCAC
 AGGATTAGAGGCTAAGGCAGTGAAGACCACTGGAGTGCAGGCCACAGTGGCGGAGGTCATAGGAGTGAAG
 GTCACAGGAGTGCAGACCACAGCGATAGAAGCTATAGGAGTCAAGGACACCACCCAGGTGGCCACAGGAG
 CGCAGGCCGATTGCTGGCAGGCCACGGAGGCAGACTGCACCGGAGCGCAGGACACAGCTATGGAGCCAC
 GGGGGCACAGGCCACTGTGACAGAGACTACGGAAGCCGAGACCAGCGGCACGGAGGACCCCTTGCCTGCG
 ATCCTGCACCCGGGGCGCGGGCGGGCGCTGCAGGCCGAGCTGGAGACCCGGATCCGCGGTCTGGAGG
 AGCCGCTACGCAGAAGGGAGCGGAGGCTGCGGCCGAGTTAGAGGCTGCTCGGGCCGTTTTCAGAGGC
 TGAGGAGCGCGCGGGGGCGGAGCCGCGAGCTAGAGGCCCTTCGGGAATTGCTGGCCACCGGCCACGGCT
 ACCGGCGAGCGCGCACGCACAGAGGCCGCGGAGTTGCGCCAAGCGCTAGCTGCCTCCGAGGCTCGGGTCG
 CCGAACTCAGCTTACCCTGGACGCCGCTCGCAGGAGGCTGGAGCGCATGCGCGGGGCTCGGTTCTGCG
 GGACGAGCAGCAGCAGCGCTGAGCGCCCTGCGCGACCACGTGACCCGGCTGCAGGCGCAGCTGGCGGAC
 CTGGCGCGCAGGCACGAGAAGACTAGCGCAGAGGCTTCCAGATCACAGACCTGTCAAAGAAGTCTTTA
 CACTGAAGGAGGCTCTGAAGGTGCAGCAGTCCACCCAGCCAGCTCCAAGGAGGAGGAGGCTCTGCGCGG
 CCAGGTGACAGCCCTGCAGCAGCAGATACAGGAGGAGGCCGGGAGCATGGCGCTGTGGTGGCTTTATAC
 CGCACCCATCTCTGTATGCCATTCAGGGACAGATGGATGAGGATGTACAGTGCATTTTGAGCCAGATTC
 TGCAGATGCAGCGGCTTCAGGCTCAGGGTCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209249 representing BC017633
 Red=Cloning site Green=Tags(s)

MPDFPGADALMPKNQSPSAEEIVASLQEVAQLTRQNQELLEKVVQILEEFKDEAQMEEESQAEVPLVL
 YESLRAEQLRRQYTEAMHSQQQQEGEPPRAQEGEETAYQEIKDKGITIQNGPSVPLNGTTYAETKA
 NGMELQAGGSKGVWNTAAGVSEAAPIEPEAAGSEATGKDRLAAKEMDTSATMAEALNVKALGDNAESEP
 AAEDTGGKENPGMADEVVLAQAGLTGTVIRNMEAIGVRDTGIQATGLEAKAVKTTGVQATVAEIVGVK
 VTGVQTTAIEAIGVKDTTQVATGAQADCWQATEADCTGAQDTAMEPTGAQATVTEETEAETSGTEDPCAA
 ILHPGAAAAALQAELETRIRGLEEALRRRERERAAAELEAARGRF AEAEAAAGRSRELEALRELLATATA
 TGERARTEAAELRQALAASEARVAELSSTVDAAREELERMARGASVPADEHEHALSALRDHVTRLQAQLAD
 LARRHEKTSAEVFQITDLSKEVFTLKEALKVQQSTPASSKEEEALRGQVTALQQQIQEEAREHGAVVALY
 RTHLLYAIQGMDEDVQCILSQILQMQLQAQGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC017633

ORF Size: 1782 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC017633](#), [AAH17633](#)

RefSeq Size: 2339 bp

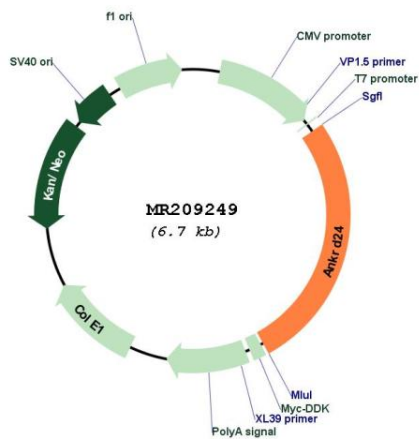
RefSeq ORF: 1784 bp

Locus ID: 70615

Cytogenetics: 10 39.72 cM

MW: 85.7 kDa

Product images:



Circular map for MR209249