

## Product datasheet for MR211799

### Ankrd15 (BC079563) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd15 (BC079563) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ankrd15
Synonyms:	mKIAA0172, A930031B09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211799 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGACCCGGAGAAGACTGGAACAGGAGCGAGTCACCATGCAGATGGCACCGGGTGACTTCAGGAGGC  
CCAGGCTGGCCAGTTTTGGAGGCATGGGCTCCACAAGCTCCCTCCCGTCTTTGTGGGTCTGCTAACCA  
CAGTTCTGTAATACACCAGCTTCAGAATGGCTACCAAGGCAATGGGGATTATAACAGCTACGTCCCAGCA  
GCTCCTACCACGTCTTCCATGGGAAGCTCCGTCGGGCACAGCCATTGAGTTCAGGGATCTCCACCCAG  
TGACCAACGTGAGCCCCATGCACCTGCAGCACATCCGAGAGCAGATGGCCATCGCCTTAAACGCCTGAA  
GGAGCTTGAGGAGCAGGTGAGGACCATCCCTGTGCTCCAGGTCAAGATCTCCGTCTTGAAGAAGAGAAA  
AGGCAGTTGGCCTCGCAGCTGAAAAGCCAGAGGGCCTCGTCCCAGAACGAAGCGTGCGGTGTGAGGAAA  
GCTCCTACAGTGCGGGCAACGCCTCCCAGCTGGAAGTCTGTTGCCGAGCCGAAGAGCGCGGGGAATT  
GTACATCGACTACGAGGAGGAAGAGATGGAGAGCGTAGAGCAGAGCACGCAGCGGATCCAGGAGTCCGA  
CAGCTCACGGCCGACATGCAGGCGCTGGAGCGGAAGATTCAGGATAGCAGCTGCGAGGTGGCATCAGAGC  
TCAGGGAGAATGGGCAGTGCCCGTCTCGGGAGTGAAGTCTGTGGCCGTGGGTAGTGATGAGAATGAA  
CGATGTCGTTGTATACCACAGAGACTTAAGGCCCTGCAAGGATACGGCTGTGGGACGGTACCCGAGACG  
AGGAATGTTGGCATCAGCGTGACAGAAGCTATGCTTGGGGTATCACTGAAGTGACAAAGAGATTGAGC  
TGCAGCAGCAGACCATAGAGGCCTTGAAGGAGAAGATTTACCGCTAGAAGTACAGCTTAAAGAAAACAC  
CCATGACC CGAGATGACTAAGCTCAAGCAAGAACTACAGGCTGCCGGATCCAGGAAGAAAGTTGACAAG  
GCCACAATGGCCAGCCACTTGTCTTCAGCAAGTTGGTGGAGGCACTGGTGCCAACCAGAGATCAAATGG  
TTGGCAGTCATGTGGACACAAGGAGTCATGTGTTGGGACCTCTGTGCAAACTAGTAGCGTAGGCACCTC  
CTGCCATCTGACTGCAAGAACCAAGTCGTGGGATCCGAGCTGCCATGAATTGGTGGTCTGTAAGGAG  
AGGGTGGCAATGCATGACCAATGCGTAGGGAGTCTGTTGAGACTTGTGACCGGAGTGTGGGTGTGGAAG  
TCAGTGTCTGTAAACAGGCAGCAACACAGAGGCTTCTGGGAGCGACCTGACACTCCTTAAGACAACTT  
GAACCTCAAAGAGCTGCGGTCCATCGGCTGTGGAGATTGTTCCGTGGATGTGATTGTCTGCTCCCAAG



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GAGTGCACCTCCCGAAGCATGAACACGGAGGCTGTAGGCCAGGAGGAAGCAGCTGTCATGGCGGTGCCCC  
ATACCACAGACCAGCACACCAGCACGAATCTGGAGCGGTGGACCAGTGCCTAACACAGAGGCAGCCAC  
CCTGGTGGAGTCTGCACCAACTCTCCTCAGCACTATGGACAAGCAGACCAGCACCCAGACTGTGGAG  
ATGCGAACGGTGGCCATCGGAGAAGGCCGCGTCAGAGACATCAACCCCTCCACTAAGACTCGGTCCGTTG  
GTGTCGGGACAGTGTCTGGCAATTCGAGTTTGACAGGCCATGTGCTGTGAAGACCAAAGAGTCGGG  
TGTGGGACAGATAAATATTCAGGACAATCTAGTTGGTCTCAAATGCGGACCATAGCGTGGGGCCCT  
CCACAGTTGACTGTGGGCTGATGGGCAGCAGGAGGAGCGTGGGTGTTGGGAACGAGCCGTAGGAGAGC  
TCCCGGAGGAGTCTCCTCAGCCTCGGGTGGCGTCTGGAATGGTGACTGGCTTGGATCACTACATTGAGCG  
CGTGACAGAGGCTGCTGGCAGAGCAACAGACGTTGCTGGCTGAGAACTACAGTGAGCTGGCGGAGGCTTTT  
GGGAGCCTCATTACAGATTGGCTCCCTCAACTCGCAGCTCATCAGACCCTGTCGTCCATCAATTCCG  
TCATGAAGTCTGCAAGCACCAGGAGCTCAGGAACTCTGACTCCAGAAAGCCAGTCTGGGTAAGTAC  
AGGAACTCACTTGAATATACCTGCAAGTGTGGAGGCCTTCGGTCAGGAGGACTGTTAAATGTACAACCA  
TCCAGCCTGAGGTGGAGGCGGAGACTGCAGAAGCAAGCACAGCCGGGCCATGAGCAGTTCCTCCATGC  
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AATCTTCAAGTTCATTGGCATTACGCGCGGTATGAGACAACCTCAAGTGACGAATCCAGCTCGGATGGAA  
GCTCTTCTCCGAGTCAGATGACGAGTGTGACACCATTGGGTACCCTCCCGAGGAAGAGGAGGAGGAGGA  
AGAGAAGGACCACGACTCGGGGAATGGCGGAAGGGCACCACGCAGTTAATATTGAAGGTTTCAAGTCT  
GCCAGGTGGAAGATGAAGTGCAGGTTCCAGAATGTGAGCCTGAGAAGGAGGAAATCAGAGAGAGGTATG  
AACTAAGTGAAGATGTTGTGAGCCTGCAACTTACTGAAATACAACATAAAGGATCCCAAAGCTTTGGC  
CAGCAAAGATATGAGGATCTGTCTGAACCCCTCCAGCACGATTGGTCCGAGTGTCCAGTCAGAAGTCC  
GCCGTGCCAGCCATGGTGGGCGACTACATCGCCGCGTTCGAGGCTGTCTCCCGGACGTGCTCCGGTACA  
TCATCAACATGGCGGACGGCAATGGCAACTGCCCTCCACTACAGCGTGTCCACTCCAACCTCCAGAT  
CGTCAAGCTGCTTCTGGATGCAGACGTGTGCAATGTGGATCACCAGAACAAGGCAGGGTACACACCCATC  
ATGCTGGCAGCCCTCGCGGCCGTGGAGGAGAGAAAGACATGCAGGTCGTAGAAGAACTTTCAGCTGTG  
GAGACGTGAACGCCAAGGCCAGTCAGGCGGGACAGACGGCCCTCATGCTAGCTGTGAGTACGCGGGAT  
AGACATGGTGAAGGCCTGCTGGCCTGTGGAGCTGATGTCAATATCCAGGACGACGAGGGCTCCACCGCC  
CTGATGTGTGCCAGTGAACACGGGCATGTGGAGATTGTGAAGCTGCTGCTGGCCAGCCAGGCTGCAATG  
GCCACCTGGAAGACAATGATGGCAGCACCGCTCTCCTATAGCCCTGGAAGCTGGACACAAGGACATTGC  
CGTTCTTCTGTACGCCACCTCAACTTCTCGAAAGCCAGTCCCCGAGCACCCCGAGGCTTGGCAGAAAG  
ACATCTCCTGGTCCCACTCACCAGGTTCTTTTAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR211799 protein sequence  
Red=Cloning site Green=Tags(s)

METRRRLERQERVMTQMAPGDFRRPRLASFGGMGSTSSLPSFVGSANHSSVIHQQLNGYQGNQDYNYSVPA  
 APTTSSMGSSVRHSPLSSGISTPVTNVSMPHLQHIREQMAIALKRLKELEEVRTIPVLQVKISVLQEEK  
 RQLASQLKSRASSQNEACGVRKRSYSAGNASQLELLARARRGGGELYIDYEEEEESVEQSTQRIQEFR  
 QLTADMQALERKIQDSSCEVASELRENGQCPRECKSVAVGSDENMNDVVVYHRDLRPACKDTAVGTVTET  
 RNVGISVTEAMLGVITEADKEIELQQQTIEALKEKIYRLEVQLKETTHDREMTKLKQELQAAGSRKKVDK  
 ATMAQPLVFSKLV EALVPTRDQMVGSHVDTRESCVGTSSVQTSVGTSSCHPDCKNQVVGSELPMNWWWVKE  
 RYAMHDQCVGRSVETCDRSVGVESVCETGSNTEASGSDLTLLKTNLNLKDVRSIGCGDCSDVDIVCFPK  
 ECTSRSMNTEAVGQEEAAVMVPHTTDQHTSTNLERVDQCTNTEAATLVESCTNTLLSTMDKQSTQTV E  
 MRTVAIGEGRVVDINPSTKTRSVGVGTVLSGNSEFDRPCA VKTKESGVGQINI QDNYLVGLKMRTIACGP  
 PQLTVGLMGSRRSVGVGNEPVGELPEESPQPRVASGMVGLDHYIERVQRL LAEQQTLLAENYSELAEAF  
 GEPHSQIGSLNSQLISTLSSINSVMKSASTEELRNSDFQKASLGKTTGNHLEYTCKCGGLRSGLLNVQP  
 SQPEVEAEATAEGKHSRGHEQFPMQGSTLPPVNL TDDQIATGLYVCPNNTLKSIMKSDGNKDSNGAKK  
 NLQFIGINGGYETTSSDESSSDGSSSSESDDECDTIGYPPEEEEEEEKDHDTRGMAEGHHA VNI EGFKS  
 ARVEDEVQVPECEPEKEEIRERYELSEKMLSACNLLKYNIKDPKALASKDMRICLNTLQHDWFRVSSQKS  
 AVPAMVDYIAAFEAVSPDVLRYIINMADGNGNTALHYSVSHSNFQIVKLLLDADVCNVHDQNKAGYTP I  
 MLAALAAVEAEKMQVVEELFSCGDVNAKASQAGQTALMLAVSHGRIDMVKGLLACGADVNIQDDEGSTA  
 LMCASEHGHEIVKLLLAQPGCNGHLEDNDGSTALSIALEAGHKDIAVLLY AHLNFSKAQSPSTPRLGRK  
 TSPGPTHRGSFD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



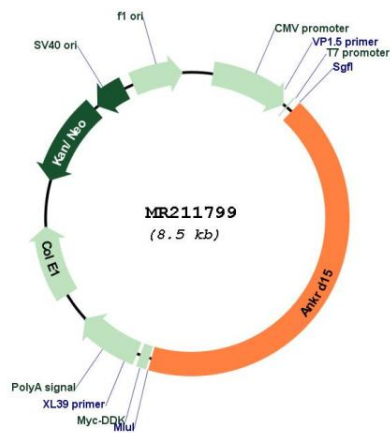
\* The last codon before the Stop codon of the ORF

**ACCN:** BC079563

**ORF Size:** 3606 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC079563</a> , <a href="#">AAH79563</a>
<b>RefSeq Size:</b>	4752 bp
<b>RefSeq ORF:</b>	3608 bp
<b>Locus ID:</b>	107351
<b>Cytogenetics:</b>	19 B
<b>MW:</b>	130.8 kDa

**Product images:**



Circular map for MR211799