

Product datasheet for **MR214346**

Ankrd34a (NM_001024851) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Ankrd34a (NM_001024851) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Ankrd34a |
| Synonyms: | Ankrd34; AW060394 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR214346 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGCACACCGAGGGCCAGCTCTTCTTCGAGCTGTGGACAGGGTAAGCTACGCTTGCCCGTTTGC
 TTCTGGAGGGAGGAGCCTACGTGAATGAGGGTATGCCAGGGGAGACTGCGCTAATGGCGCCTGTAG
 GGCCCGTTACGACGACCCTCAGAACAAGCGCGCATGGTACGCTATCTTGGAGCAAGCGCGGATCCC
 AACATCGCAGACCGTTTAGGACGTACCGCGCTGATGCATGCTTGC CGCGGGGTGGGGGAGCCGAGTGG
 CCTCTCTGCTCCTTGCCACGGCGCAGACCCTTAGTTCGAGATCACGCTGGCGCCTCGGCGCTTGCCA
 CGCCCTGGACCGAGGGGACCGCGAGACCCTGCCACACTGCTGGACGCTGCAAGCCAAGGGCACGGAG
 GTCATCATATAACGACGGATACCTCGCCCTCGGGCACCAAGAAGACCAGGCAGTATCTTAATCCCCAC
 CGTCCCAGGGGTAGAGGACCCTGCACCGCTCCTCCTAGTCCAGGGGTCTGCACATCGCCTTCAGAAGT
 CCAACTGCAGACTGCAGGAGGAGGGCGCGGTTGTTATCCCTCGCGCCAGGAAGAAGAGGAGAAAAGA
 GACATTTTTGAATTTCTCTTCCCAAGCCCTGATGACCCTTCCCTTCCGAGCCTCTCCCAAGCCAC
 CTCGACATCCTCCAAAACCACTCAAAGGCTCAATTCCGAGCCCTGGGGCCTTGTGGCTCCTCCTCAACC
 GGTTCCTCCTGCAGAAGGGAGGCCCGTGGAGCGTCTGGTGTGAATTAATGGCTTGACCCTGACC
 GGGAGACCGCGTCTTCTCGGCGTCACAGCACCGAAGGCCGGAGGACCCGCCCATGGGCGGAGAAAAG
 TGACGGGTGGGGTCTCTCTCGCGCCGAAACTGCGCCGAGGCTCAGGAGTCTGGTCTTCTTCAGG
 GCTAAGGCAAAACTGAGCCGCATGGAGCCGGTGGAGCTGCACACCCCTGGACATTTTTGCCCTGACTCC
 CCCGAGTCCAGCCGTTATCCCTGGAGCGCCGGGATACAGCGCCTCTCCGCTGACCCTCCCTCCAGCGG
 GCTCAGTTTTCTCCACGCCAGTCCCAGGAAAGTCTGCCGGGGTGTATCCCCGCTGAGCGGAGGAG
 GCGGAGTCCAGGGCTGCTAGAGAGAAGGGCTCCGGGACCTTGCTCCTGGACCACATCTCGCAAACACGA
 CCAGTTTTCTGCCTCCTCTCAACGTGAGTCCCAACCCTCCCATCCCGACATTGTCCTCCCAACCCGGAG
 GTCGGGACCCCTCACTGCCTGCCCTCCACCCTCTGGGGCACCAGGGTCTCCAGGACCAAGCGCAAGTT
 GGTGAGACGCCACTCCATGCAGACTGAGCAGATTCGCCTGCTAGGGGGTTTCAGAGTCTAGGTGGCCCT
 GGGGAACCCGGGCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR214346 protein sequence
 Red=Cloning site Green=Tags(s)

MLHTEGHALLRAVGQGLRLARLLLEGGAYVNEGDAQGETALMAACRARYDDPQNKARMVRYLLEQGADP
 NIADRLGRTALMHACAGGGGAASLLLAHGADPSVRDHAGASALVHALDRGDRETLATLLDACKAKGTE
 VIIITDTPSPSGTKTRQYLNPPSPGVEDPAPAPPSPGVCTSPSEVQLQTAGGGRGLLSPRAQEEEEER
 DIFEFLPKPPDDPSPSEPLPKPPRHPPKPLKRLNSEPWGLVAPPQPVPPAEGRPLERLAAEFNGLTLT
 GRPRLSRRHSTEGPEDPPPWAKEVTVGGGPLSRRNTAPEAQESGLPSGLRQKLSRMEPVELDTPGHFCPDS
 PESSRSLERRRYSASPLTLPAGSVSSPRQSQESLPGAVSPLSGRRRSPGLLERRRSGTLLLDHISQTR
 PGFLPPLNVSPHPPIPDIRPQPGGRAPSLPAPPPSGAGPSRTRKRLVRRHSMQTEQIRLLGGFQSLGGP
 GEPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

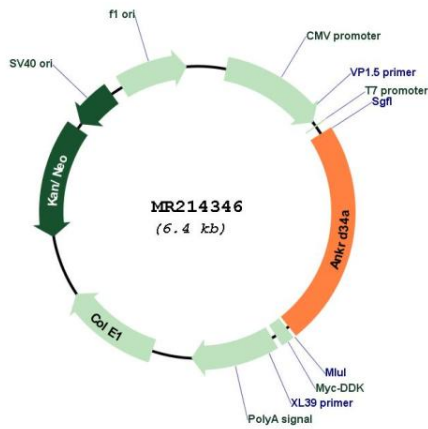
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


| | |
|-------------------------------|---|
| ACCN: | NM_001024851 |
| ORF Size: | 1488 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: | <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: | NM_001024851.3 , NP_001020022.2 |
| RefSeq Size: | 2586 bp |
| RefSeq ORF: | 1488 bp |
| Locus ID: | 545554 |
| Cytogenetics: | 3 F2.1 |
| MW: | 52.5 kDa |

Product images:



Circular map for MR214346