

Product datasheet for MR224447

Ankrd2 (NM_020033) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd2 (NM_020033) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ankrd2
Synonyms:	Arpp; mArpp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224447 representing NM_020033 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGGGCCGAGGCGGTGCAGAGAGCCACAGAGCTCATCGAGCAGCGGCTTGCCAGGAGGAAGAGA
CTGAGAAACTTCGAAGATCCGCTCCTGGGAAGCTGTCCATGGACATGCTAGTGCTAGAGGAAGAGAAGCG
CCTCGGGGTTTCAGAGTCTGCTTACAAAAGGTTAAGGGCCAAGAGCGCGTGCAGAACATCCCTGGAC
CTGCGACGTGAGATCATTGATGTGGGTGGGATCCAGAACCTCATTGAACTGAGGAAAAACGCAAGCAGA
AAAAGCGAGATGCCCTGGCTGCAGCCAGGAGCCTCCTCCAGAGCCAGAGGAGATCACCGGCCCTGTGAA
TGAGGAGACATTCTGAAAGCTGCAGTGGAGGGGAAAATGAAAGTCATTGACAAGTACCTGGCGGACGGA
GGTTCAGCGGACACCTGTGATGAGTTCCGTCCGACAGCACTGCATCGGGCCTCCCTGGAGGGACACATGG
AGATACTGGAGAACTTCTGGAGAATGGGGCCACCGTGGACTTCCAGGATCGGCTGGACTGCACAGCCAT
GCACTGGGCTGCCGTGGGGGCCACCTGGAGGTGGTGGAGACTCCTGCAAAGCCGGGGGCCGACACCAAC
GTGAGAGACAAGCTACTGAGCACTCCCCGTCATGTGGCCGTCCGTACTGGACACGTGGAGATTGTGGAAC
ATTTTCTTTCCCTGGCTTGGATATCAATGCCAAAGACAGAGAAGGGGACAGTGCCTACATGATGCCGT
GAGACTCAACCGCTACAAAATCATCAAAGTCTGCTCTTGATGGGGCGGACATGATGGCTAAGAACCCTG
GCGGAAAAGACCCACGACCTGGTCCAGCTCTGGCAAGCAGACACCCGGCATGCCCTGGAGCATCCCG
AGCCAGAATCAGAGCAGAACGGACTGGAGAGCCTGGGAGTGGCCGTGAGACACCTCAGCCTATACCAGC
CCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [NM_020033.1](#), [NP_064417.1](#)

RefSeq Size: 1100 bp

RefSeq ORF: 987 bp

Locus ID: 56642

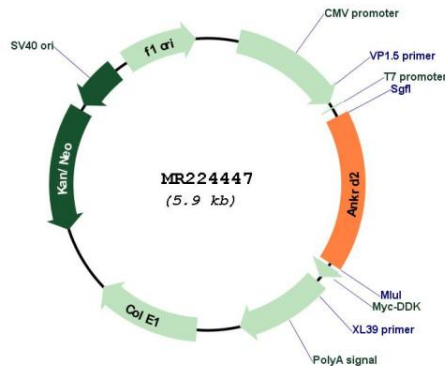
UniProt ID: [Q9WV06](#)

Cytogenetics: 19 C3

MW: 36.7 kDa

Gene Summary: Functions as a negative regulator of myocyte differentiation. May interact with both sarcoplasmic structural proteins and nuclear proteins to regulate gene expression during muscle development and in response to muscle stress.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224447