

Product datasheet for MC207826

Ankrd1 (NM_013468) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd1 (NM_013468) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ankrd1
Synonyms: Alrp; CARP; Crap; MARP1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207826 representing NM_013468
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGGTACTGAGAGTAGAGGAGCTGGTAACAGGC AAAAAGAACAGCAATGGGGCCGAGGGGAATTCC
 TTCTGGGGAGTTCAGAAATGGAGAATATGAAGCTGCTGTTGCTTTGGAGAAGCAAGAGGACCTGAAGAC
 ACTTCCGGCCAAACAGCGTGAAGCAGGGGAGGAACAACGAAAAGCGAGAACTGCGAGAGGCAGAGCTC
 AAAAAGAAAAAATAAGACAAAGATCAAAGCTTGA AAAACTTAGAAGACCTTGAATAATTGTTCAACTGA
 AGAAAAGGAAAAATACAAGAAAACCAAAGTCCAGTTGTGAAGGAGCCAGAACCTGAAATTATGACTGA
 ACCTGTGGATGTGCCGAGGTTTCTGAAAGCTGCGCTGGAGAACA AACTGCCAGTTGTAGAGAAATTCCTG
 TCAGACAAGAACAGCCCCGACGTCTGCGATGAGTATAAACGGACGGCACTCCACCGAGCATGCTTAGAAG
 GACACTTGGCGATCGTGGAGAAGTTAATGGAGGCTGGAGCCAGATTGAATCCGAGATATGCTTGAATC
 CACAGCCATCCACTGGGCATGTCGTGGAGGAAACGCAGATGTCCTGAAACTGTTGCTGAACAAAGGAGCC
 AAAATCAGTGCCAGAGACAAGCTTCTCAGCACAGCGTGCATGTGGCGGTGAGGACTGGTCATTACGAGT
 GCGCTGAGCACCTCATCGCCTGCGAGGCTGATCTCAATGCCAAGGACAGAGAAGGAGACCCCACTGCA
 TGATGCTGTGAGGCTGAACCGCTATAAGATGATTCGACTCTTGATGACCTTCGGTGGGACCTCAAGGTC
 AAGAAGTGTGCTGGGAAGACCCCATGGATCTGGTGTGCACTGGCAGAGTGAACCAAGCAATATTCC
 ACAGCCTCAAGGAGAATGCCTACAAGAACTCTCGCATAGCTACATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013468
Insert Size: 960 bp



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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:	NM_013468.3 , NP_038496.2
RefSeq Size:	1765 bp
RefSeq ORF:	960 bp
Locus ID:	107765
UniProt ID:	Q9CR42
Cytogenetics:	19 C2
Gene Summary:	May play an important role in endothelial cell activation. May act as a nuclear transcription factor that negatively regulates the expression of cardiac genes.[UniProtKB/Swiss-Prot Function]