

Product datasheet for RN201420

Ankrd1 (NM_013220) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd1 (NM_013220) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd1
Synonyms:	Alrp; Carp; Crap; MARP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201420 representing NM_013220 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGTTTTTCGAGTAGAGGAGCTGGTAACGGGCAAAAAGAACAGCAATGGGTCCTCAGGGGAGTTCC
TTCCTGGCGAGTTCAGAAATGGAGAGTATGAAGCTGCTGTTGCCTTGGAGAAACAAGAGGACTTGAAGAC
ACTTCCAGCCAACAGTGTGAACCTGGGGGAAGAACAACGGAAAAGTGAGAAAGTTCGAGAGGCAGAGCTC
AAAAAGAAAAAACTAGAACAAAGATCAAAGCTTAAAACTTAGAAGACCTTGAAATAATTGTTCAACTGA
AGAAAAGAAAAAATACAAGAAAATAAGTTCCAGTTGTGAAGGAACCGGAGCCTGAAATTATTACTGA
ACCTGTGGATGTGCCAAGGTTTCTGAAAGCTGCACTGGAGAACAACCTGCCAGTTGTAGAGAAATTCCTG
TCAGACAAGAACAGCCCCGACGCTCTGCGATGAGTATAAACGGACCGCTCTCCATAGAGCATGCTTAGAAG
GACACTTGGCGATCGTGGAGAAGTTAATGGAGGCTGGAGCCCAGATTGAATTCAGAGATATGCTGGAATC
CACAGCCATCCACTGGGCATGTCGTGGAGGAAACCTGGATGTCCTGAAACTGTTGCTAAACAAAGGTGCC
AAAATCAGTGCCCGAGACAAGCTGCTCAGCACAGCGCTGCACGTGGCGGTGAGGACCGGTCACTACGAGT
GTGCTGAGCACCTCATCGCTGCGAGGCGGATCTCAATGCCAAGGACAGAGAAGGAGACACCCCTCTGCA
TGATGCGGTGAGGTTGAATCGCTACAAGATGATCCGGCTCTTGATGACCTTCGGTGCGGACCTCAATGTC
AAGAATGTGCTGGGAAGATCCCTATGGATCTGGTGTTCGACTGGCAGAATGGAACCAAAGCGATATTCG
ACAGCCTCAAGGAGAATGCCTACAAAACTCGCGCATAGCTACGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_013220



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Insert Size:	960 bp
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:	<u>NM_013220.1</u> , <u>NP_037352.1</u>
RefSeq Size:	1749 bp
RefSeq ORF:	960 bp
Locus ID:	27064
UniProt ID:	<u>Q8R560</u>
Cytogenetics:	1q53
Gene Summary:	acts as a negative regulator of cardiac-specific gene expression [RGD, Feb 2006]