

Product datasheet for **RR214023**

Ankrd39 (NM_001135014) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd39 (NM_001135014) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ankrd39
Synonyms: RGD1559504
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR214023 representing NM_001135014
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGCGGCACCTCAGTCGTGCGCGGATGGCTCCTGCTGCTCGCACCCCTGGTGCGGTGCCCGGGTACAGC
AGACACTGGAAGAGATGGACTTCGAGAGGGGAATCTGGTCGGCCGCCCTGAATGGAGACCTGGGCCGAGT
GAAGCATTTTCATCCAGAAGGCCACAGACCCTAGCCAGCCAGACTCTGCTGGCTACACTGCACTGCACTAT
GCTAGCCGCAATGGGCACTATGACGTTTGCCAGTTTCTGCTAGAAAATGGAGCAAAGTGATGCCCGGA
CCAACGGGGGCGCCACGGCTTTGCACCGGGCCAGCTACTGTGGGCACACGAAATCGCACGGCTGCTGCT
TTCCCATGGGTCCAACCCCGAGCTGGTGGACGATGACGGCATGACCAGTCTACATAAGGCTGCCGAGAAG
GGTCATGAGGACATTTGCTCCCTCCTGTTACAACACAGCCAGCCCTGAAGACTGTCCGGGATCGCAAAG
CACGCCTAGCATGTGACCTGCTGCCCTGCAACAGTGGCCTGTGGGACCTGCTGGCCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214023 representing NM_001135014
Red=Cloning site Green=Tags(s)

MAAPQSCADGSCCSHPGAVPGVQQTLEEMDFERGIWSAALNGDLGRVKHFIQKATDPSQPDSAGYTALHY
 ASRNGHYDVCQFLLENGAKCDARTNGGATALHRASYCGHTEIARLLL SHGSNPQLVDDDGMTSLHKAAEK
 GHEDICSLLLQHSPALKTVRDRKARLACDLLPCNSGLWDLAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_001135014

ORF Size: 549 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:

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_001135014.1](#), [NP_001128486.1](#)

RefSeq Size: 1095 bp

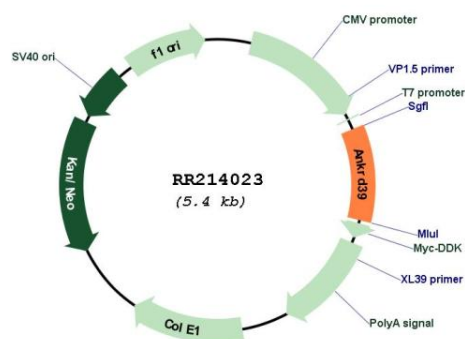
RefSeq ORF: 552 bp

Locus ID: 367251

Cytogenetics: 9q21

MW: 19.6 kDa

Product images:



Circular map for RR214023