

Product datasheet for **RR215998**

Ankrd22 (NM_001191638) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd22 (NM_001191638) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ankrd22
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215998 representing NM_001191638
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAATCCTATATTCTGAGCCCATCTGCCAGGCAGCCTACCAGAACGACTGGGGCAAGTGTGGCGGT
GGGTGAAAGAAAGCAACCATTATGTGGATATTCAAGATGGCTTCAATGGCGATACTCCCCTCATCTGTGC
CTGCAGGCGGGGACCTGAGAATTGCTCCTCTCTTTAAGGAGAAATGCTGATGTCAACCTCAAAAAC
TTGAAGGAGAGAACCTGCTTACACTATGCTGTGAAGAAGAGGTTTACCTCTTTGATTATCTGCTCATT
TCCTTTAATGCCTGTCTTGTAAATGGATATTCCTCATGGTATCAAAGACAAAGCAGAATGAGGCTCT
CGTGCGGATGCTCCTCAATGCTGGTGTGAAGTTAACGCTACCGACTGCTACGGCTACACTGCCCTGCAC
TACGCTTGCCAGATGAAAACCAGACTCTCATCCCTCTGCTCCTGGCAGCCCGTGACAGCCCCACGATAA
AGAACAAGCATGGTGAGAGTTCCTGGATATCGCACAGAGACTAAAATTTAACAGATCGCATTAAATGCT
AAAGAAAGGCTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215998 representing NM_001191638
Red=Cloning site Green=Tags(s)

MGILYSEPICQAAAYQNDLGQVWRWVKESNHVYDIQDGFNGDTPLICACRRGHLRIVSFLLRNADVNLKN
LKERTCLHYAVKKRFTFFDYLLIILLMPVLLIGYFLMVSCTKQNEALVRMLLNAGVEVNATDCYGYTALH
YACQMKNQTLIPLLLAARADPTIKNKHGESSLDIAQRLKFNQIALMLKKS

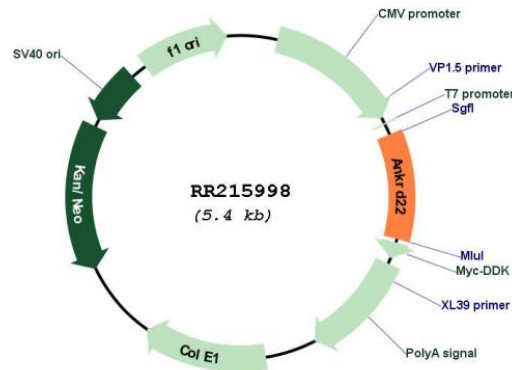
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



[View online »](#)

Cloning Scheme:

Plasmid Map:


ACCN: NM_001191638

ORF Size: 573 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:	<u>NM_001191638.1, NP_001178567.1</u>
RefSeq Size:	714 bp
RefSeq ORF:	576 bp
Locus ID:	294093
Cytogenetics:	1q52
MW:	21.9 kDa