

Product datasheet for **RR205360**

Ankrd40 (NM_001134699) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd40 (NM_001134699) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ankrd40
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205360 representing NM_001134699
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCGCCCTCCTAGAGCAGAAGGAGCAGCAGGAGAGGCTGCGGGAGGCAGCGGCCTGGGGGACATTC
GGGAGGTGCAGAACTGGTGGAGAGCGGGTGGATGTGAACTCCCAAAATGAGGTCAACGGCTGGACCTG
TTTACACTGGGCATGTAACGCAACCATGGCAGGTGGTATCCTACCTGTTACAGTCGGGAGCTGACAGA
GAGATTCTTACAACAAAAGGAGAAATGCCGGTACAATTAACATCAAGGAGAGAAATCAGGAAGATTATGG
GAGTGGAAGAAGCTGATGATGATGAGGAGATCCCCAGCTGAAGAAGGAGTCGGAAGTGCCTTCGTTCC
CAACTATCTGGCCAACCCAGCCTTCCCTTTCATCTACACGCTGCAGCAGAAGACGCCACCCAGCTGCAG
AATGGGGGCCCTCCCCACCTCCAGTGTCTCCCTGCAGAGGGCTCGCCTCCATTGCTTCCCCCACAG
AGCCCCCTCTGCTCGGAGCCTTCTAGGGACCACCTCTTGGCATTGGTCCAAAATGGTGATATTTCT
TGCCCCCTCTGCCATACTTAGAACACCAGAAAGCACAAAACCTGGTCTGTCTGCAGCCACCAGTGAGT
CAGAACCCTCCCTGTTCTGTCCCATCCAAGCCACCGGTGTCTCTGGAGCCTCAAAATGGGACATATG
CAGGACCAGCGCCAGCATTCCAGCCATTTTCTCACCGGAGCATTTCATTTAATGCAAGAGCTGGT
ACTCAAGGTGAGGATTCAGAACCCTCTCTCGTAAAAATGACTTCATTGAAATGAACTGGATCGACAG
GAACTCACCTACCAAGAACTGCTCAGAGTGAGTTGCTGTGAGCTGGGTGTTAATCCAGACCAAGTGGAAA
AGATAAGAAAGTTACCAATACTCTGTTAAGAAAGGACAAAGATGTTGCACGACTCCAGGACTTCCAGGA
GCTGGAAGTGGTTCTCACAATAAGTGAGAATAATTTCTGTTTAGAAACCTGCATCCTCACTGACTGAG
AGGCCTTGCTTCAACCGGAGAGCTTCAAACTGACATAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR205360 representing NM_001134699
 Red=Cloning site Green=Tags(s)

MSALLEQKEQERLREAAALGDIREVQKLVE SGVDVNSQNEVNGWTCLHWACKRNHGQVVS YLLQSGADR
 EILTTKGEMPVQLTSRREIRKIMGVEEADDDDEEIPQLKKESELPFVNYLANPAPFFIYTPAAEDATQLQ
 NGGPPPPPVSPPAEGSPPLLPTTEPLLGAFFRDHTSLALVQNGDISAPSAILRTPSTKPGPVCQPPVS
 QNRSLFSVPSKPPVSLEPQNGTYAGPAPAFQPFFFTGAFFPNMQELVLKVRIQNPSLRENDFIEIELDRQ
 ELTYQELLRVSCCELGVNPDQVEKIRKLPNTLLRKDKDVARLQDFQELELVLTISENNFLFRNPASSLTE
 RPCFNRRASKLTY

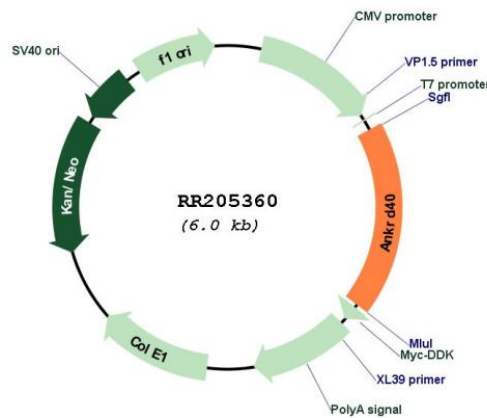
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001134699

ORF Size:	1089 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:	NM_001134699.1 , NP_001128171.1
RefSeq Size:	3412 bp
RefSeq ORF:	1092 bp
Locus ID:	690586
Cytogenetics:	10q26
MW:	40.5 kDa