

Product datasheet for **MG204664**

Ankrd40 (BC023133) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd40 (BC023133) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ankrd40
Synonyms: RP23-65114.1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG204664 representing BC023133
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGCCCTCCTAGAGCAGAAGGAGCAGCAGGAGAGGCTGCGGGAGGCGGGCCTTGGGGACATTC
 GGGAGGTGCAGAACTGGTGGAGAGCGGGTGGATGTGAACCGCAAAATGAGGTCAACGGCTGGACCTG
 TTTACTGCGCATGTAAACGCAACCATGGACAGGTGGTGTCTACCTGCTACAATCAGGAGCTGACAGA
 GAGATTCTTACAACAAAAGGGAAATGCCGGTACAACATAACATCAAGGAGAGAAATCAGGAAGATTATGG
 GAGTGGAAAGAAGCCGATGAGGAGGAGATCCCTCAGCTGAAGAAGGAGTCAGAACTGCCCTTTGTCCC
 CAACTATCTGGCCAACCCAGCTTTCCCTTTTATCTACACCCCTGCAGCAGAAGACTCCACCCAATTGCAG
 AATGGGGGCCCTCCCCACCTCCAGTGTCACTCCTGCAGATAGCTCACCTCCATTGCTCCCCCCCACAG
 AAACCCCTTTGTAGGGCCTTTCTAGGGACCACAGCTCTTTGGCATTGGTCCAGAATGGTGATATTTT
 TGCCCCCTCTGCCATACTTAGAACACCAGAAAGCACAAAACCTGGTCTGTGTGAGCCACCAAGTGA
 CAGAACCCTCCCTGTTCTGTGCCATCCAAGCCCCGGTGTCTCTGGAGCCTCAGAACGGGACGTATG
 CAGGCCCGCGCCAGCATTCCAGCCATTTTCTCACCGGAGCATTTCATTTAATATGCAAGAGCTGGT
 ACTCAAAGTGAGGATTCAGAATCCATCTCTCGTAAAAATGACTTCATTGAAATTGAACTGGATCGACAG
 GAACTCACCTACCAAGAAGTCTGAGAGTGAGCTGCTGTGAGCTGGGTGTTAATCCAGACCAAGTGAAA
 AGATAAGAAAGTTACCCAACACTCTGTTAAGAAAGAAACGCTGCATCCACACTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204664 representing BC023133
 Red=Cloning site Green=Tags(s)

MSALLEQKEQERLREAAALGDIREVQKLVE SGVDVNSQNEVNGWTC LHWACKRNHGQVVS YLLQSGADR
 EILTTKGEMPVQLTSRREIRKIMGVEE ADEEEEIPQLKKESEL PFPVNYLANP AFPFIYTPAAEDSTQLQ
 NGGSPPPPVSPPADSSPPLLPTETPL LGAFPRDHSSLALVQNGDISAPSAILRTP ESTKPGPVCQPPVS
 QNRSLFSVPSKPPVSLEPQNGTYAGP APAFQPFFFTGAFFPFNMQELV LKVRIQNP SLRENDFIEI ELDRO
 ELTYQELLRVSCCELGVNPDQVEKIR KLPNTLLRKKRCIHTD

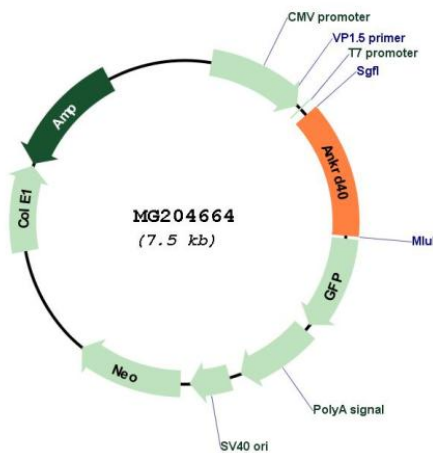
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC023133

ORF Size: 966 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:	BC023133.1
RefSeq Size:	1367 bp
RefSeq ORF:	968 bp
Locus ID:	71452
Cytogenetics:	11 D