

Product datasheet for **MC223480**

Ankib1 (NM_001003909) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankib1 (NM_001003909) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ankib1
Synonyms: 2310061P20Rik; 4631416111Rik; AW494740; C80642; mKIAA1386
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223480 representing NM_001003909
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGAAATACAACCACCAAAATTCGCAAAGCACTCATCAATGGTGATGAAAATTTGGCCTGCCAAATAT
 ATGAAAAATATCCTCAGCTAAAAGAATCCCTTGATCCCAATATTTCTTATGGAGAACCCTATCAGCACAA
 CACACCGTTACACTATGCTGCTAGACATGGAATGAATAGAATATTAGGGACTTTTCTTTTGGTAGAGAT
 GGAAACCCAAATAAACGGAATGTGCACAATGAAACATCTATGCATTTGTTGTGTATGGGACCTCAAATCA
 TGATATCTGAAGGAACCCCTTCATCCTCGCTTAGCACGGCCTGTGGAAGATGATTTAGAAGGGCAGATTG
 TCTGCAGATGATCTTACAGTGGAAAGGAGCAAACTTGACCAAGGCGAATATGAGAGAGCGGCTATTGAT
 GCCGTTGATAACAAAAAGAACACACCCCTTCACTATGCTGCAGCCTCGGGGATGAAAGCCTGTGTAGAGC
 TCTTAGTAAAACATGGAGGAGACTTGTGTGCTGAAAATGAAAATAGAGATACTCCTTGTGATTGTGCCGA
 AAAGCAGCAGCACAAAGACCTGGCCCTCAGTCTGGAGTCTCAGATGGTGTCTCTCGGGACCCGGAGGCC
 GAAGAAATAGAAGCGGAGTATGCTGCCTTAGACAAGCGAGAGCCATATGAAGGACTAAGGCCCCAGGATC
 TTCGTAGGTTAAAAGATATGCTTATTGTGGAGACTGCAGACATGCTCCAGGCCCTCTGTTTACTGCTGA
 AGCACTGCTTCGAGCTCACGATTGGGACAGGGAGAAGTTGCTTGAAGCTTGGATGTCCAACCCAGAGAAC
 TGCTGCCAGCGGTGAGGGTGCAGATGCCAACCCACCACCCAGTGGGTACAATGCCTGGGACACGCTGC
 CTTCCCGAGAACTCCAAGGACTACAAGATCCTCTGTACCTCCCAGATGAAATCAGTCTGTCTCCTGG
 GGATTTAGATACCAGTTTGTGTGACATTTGTATGTGCAGTATTTCTGTGTTGAAGATCCAGTGGATATG
 CCCTGTGGACATGATTTTGTAGAGGCTGTTGGGAGCGTTTTTAAATCTGAAAATCAAGAAGGTGAAG
 CCCATAACATTTCTGCCCTGCATATGAATGCTTTCAACTCGTGCCTGTAGATGCATAGAAAGTGTAGT
 TTCTAAGGAGATGGACAAACGATACCTACAGTTTGTATTAAGGCCTTTGTTGAAAATAATCCTGCCATT
 AAATGGTGTCTACCGCAGGCTGTGAACGAGCAGTCAGACTGACAAAGCAGGGGTCAAATCCATCTGGGT
 CTGACACACTCAGCTTCCATTGCTAAGAGCCCTGCTGTGGACTGCGGCAAGGACACCTTTCTGCTG
 GGAGTGCCTTGGTGAAGCACATGAGCCTTGTGACTGCCAAACATGAAAAACTGGTTACAAAAGATAACC
 GAAATGAAGCCAGAAGAACTCGTTGGAGTCAGCGAAGCCTATGAAGATGCTGCCAATTGTCTGTGGCTGT



TAACTAACTCCAAGCCTTGTGCGAACTGTAACTCTCCAATACAGAAGAACGAAGGCTGTAATCACATGCA
 GTGTGCCAAGTGAAGTATGACTTTTGCTGGATTTGCCTAGAAGAATGGAAAAACATAGTTCTTCCACT
 GGAGGTTACTACAGATGCACTCGCTATGAAGTCATCCAACATGTGGAGGAGCAATCCAAGGAGATGACAG
 TGGAGGCTGAGAAGAAACATAAACGGTTTCAGGAACCTTGACAGATTTATGCACTATTATAACAAGATATAA
 AAACCATGAGCATAGTTATCAGTTAGAACAACGCCCTTCTAAAACAGCCAAAGAAAAGATGGAGCAGTTG
 AGTAGAGCTCTCAAAGAACTGAAGGAGGCTGTCCAGATACCACCTTTCATCGAAGATGCAGTGCATGTTT
 TTCTAAAAACTCGGCGCATCCTCAAGTGTCTTATCCATATGGATTTTCTTAGAACCTAAAAGCACAAA
 GAAAGAAATTTTGAACCTAATGCAAACAGACCTGGAAATGGTCACTGAAGACCTTGCCAGAAAAGTCAAT
 AGGCCCTTATCTTGTACACCTCGGCACAAGATCATCAGGGCAGCATGCCTTGTGCAGCAGAAAAGGCAAG
 AGTTCTGGCATCTGTCGCTCGTGGTGTGCTCCTGCAGACTCACCAGATGCTCCAGGCGCAGCTTTGC
 CGGTGGAACATGGGATTGGGAATATTTAGGATTTGCTTCACTGAGTATCGGAGGAGACACAGACAGCAG
 CGCCGTCGAGGAGATGTGCATAGCCTGCTCAGTAACCCTACAGACCTGGATGAACCAAGCGAAAAGCACTT
 TCGATCTCCAGAGGGGAGCAGCGGCCGAGGCCCTGGTGCATCTGTGGTCAGCTCTGCATCGATGAGTGT
 GCTGCACAGCTCTCCCTGCGAGACTACAGCCCTGCCAGTCGCTCTGCAAACCAGGACTCTTTCAGGCT
 CTGAGTTCCTTGGATGAAGATGATCCCAACATACTCCTGGCCATCCAGTTGCTCACTGCAAGAGTCTGGC
 TGACATGGATGAAGAGACCAGAGACTTCTTAGTAACGAGACATCCCTAGGAGCCATAGGCTCATCTTT
 ACCTTCCCGACTGGACTCTGTGCCCCGAGCACTGAGTCTCCTCGGGCTGCGCTGAGCAGCTCGGAGCTG
 CTGGAGCTTGGTACAGTCTCATGAGACTAGGAGCAGACAGTGACCCATTTTCAACTGACACTTTGAGTT
 CACGCCCTCTCAGTGAGACAAGAAGTATTTCTGTCCCTTCCAGTGACCTTGACTCAGCTGGCCAGGA
 CCCCAGTGCCAAATGACAATCTTCTTGGCAATATTATGGCTTGGTTTCATGACATGAACCCGAGAGTATC
 GCCCTGATTCTCCAGCAGCAACCACAGAAATAGTGTGAGCCCTCAGCTTCTTGATAAGAGATGGGT
 CTGAAGGTGTGAGGGACATGGAACCTCGTCCACCAGAAGACTCAGTGTCCAAAGATACTGGTGTTCATGA
 AGGTGAAAGAGCCAGATGGAAGAAAATCCTCTGGAAGAGAATATTCTGGCCAGGGAAGAGTTGTCTCAA
 GCTGGTGACAGTAGTAACGAGGCACTGGGCAGGGGGACAGGCCAGATGCTGCCAGTCAAACCCCTCAGA
 CCTCAAGCGACTGGCTCGAGCAAGTACATTCAGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001003909

Insert Size:

3258 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:

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_001003909.4](#), [NP_001003909.2](#)

RefSeq Size: 6626 bp

RefSeq ORF: 3258 bp

Locus ID: 70797

UniProt ID: [Q6ZPS6](#)

Cytogenetics: 5 A1

Gene Summary: Might act as an E3 ubiquitin-protein ligase, or as part of E3 complex, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes and then transfers it to substrates.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.