

Product datasheet for **MC228427**

Ankib1 (NM_001289529) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankib1 (NM_001289529) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankib1
Synonyms:	2310061P20Rik; 4631416I11Rik; AW494740; C80642; mKIAA1386
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC228427 representing NM_001289529
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCCAGAAGAACTCGTTGGAGTCAGCGAAGCCTATGAAGATGCTGCCAATTGTCTGTGGCTGTAA
 CTAACCCAAGCCTTGTGCGAACTGTAAGTCTCCAATACAGAAGAACGAAGGCTGTAATCACATGCAGTG
 TGCCAAGTGCAAGTATGACTTTTCTGGATTTGCCCTAGAAGAATGGAAAAACATAGTTCTTCCACTGGA
 GGTTACTACAGATGCACTCGCTATGAAGTCATCCAACATGTGGAGGAGCAATCCAAGGAGATGACAGTGG
 AGGCTGAGAAGAAACATAAACGGTTTCAGGAACCTGACAGATTTATGCACTATTATACAAGATATAAAAA
 CCATGAGCATAGTTATCAGTTAGAACAACGCCTTCTTAAACAGCCAAAGAAAAGATGGAGCAGTTGAGT
 AGAGCTCTCAAAGAACTGAAGGAGGCTGTCCAGATACCACTTTCATCGAAGATGCAGTGCATGTTCTTC
 TAAAACTCGGCGCATCCTCAAGTGTCTTATCCATATGGATTTTCTTAGAACCTAAAAGCACAAAGAA
 AGAAATTTTTGAACTAATGCAAACAGACCTGGAATGGTCACTGAAGACCTTGCCAGAAAAGTCAATAGG
 CCTTATCTTCGTACACCTCGGCACAAGATCATCAGGGCAGCATGCCTTGTGCAGCAGAAAAGGCAAGAGT
 TCCTGGCATCTGTCGCTCGTGGTGTGCTCCTGCAGACTCACCAGATGCTCCCAGGCGCAGCTTTGCCGG
 TGGAACATGGGATTGGGAATATTTAGGATTTGCTTACCTGAGGAATATGCTGAATTTTCAATATCGGAGG
 AGACACAGACAGCAGCGCCGTCGAGGAGATGTGCATAGCCTGCTCAGTAACCCTACAGACCTGGATGAAC
 CAAGCGAAAGCACTTTCGATCTCCAGAGGGGAGCAGCGGCCGCGCAGGCTGGTGCATCTGTGGTCAGCTC
 TGCATCGATGAGTGTGCTGCACAGCTCTCCCTGCGAGACTACAGCCCTGCCAGTCGCTCTGCAAACCAG
 GACTCTCTCAGGCTCTGAGTTCCTTGGATGAAGATGATCCCAACATACTCCTGGCCATCCAGTTGTCAC
 TGCAAGAGTCTGGGCTGGACATGGATGAAGAGACCAGAGACTTCCTTAGTAACGAGACATCCCTAGGAGC
 CATAGGCTCATCTTTACCTTCCGACTGGACTCTGTGCCCGCAGCACTGAGTCTCCTCGGGCTGCGCTG
 AGCAGCTCGGAGCTGCTGGAGCTTGGTGCAGTCTCATGAGACTAGGAGCAGACAGTGACCCATTTTCAA
 CTGACACTTTGAGTTCACGCCCTCTCAGTGAGACAAGAAGTATTTCTGTCCCTCTTCCAGTGACCTTGA
 CTCAGCTGGCCAGGACCCAGTGCCAAATGACAATCTTCTTGGCAATATTATGGCTTGGTTTCATGACATG
 AACCCGACAGATATCGCCCTGATTCCTCCAGCAGCAACCACAGAAATTAGTGCTGAGCCTCAGCTTCCTT
 GTATAAGAGATGGGTCTGAAGGTGTGAGGGACATGGAACCTGTCGCCACCAGAAGACTCAGTGTCAAAGA
 TACTGGTGTTCATGAAGGTGAAAGAGCCAGATGGAAGAAAATCCTCTGGAAGAGAAATATCTGGCCAGG
 GAAGAGTTGTCTCAAGCTGGTGCAGTAGTAACAGGCGAGTGGCAGGGGGGACAGGCCAGATGCTGCCA
 GTCAAACCCCTCAGACCTCAAGCGACTGGCTCGAGCAAGTACATTCAGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001289529
- Insert Size:** 1803 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001289529.1](#), [NP_001276458.1](#)

RefSeq Size: 6253 bp

RefSeq ORF: 1803 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 (4) lacks an exon in the 5' UTR and contains an alternate exon in the 5' region, compared to variant 1. It initiates translation at a downstream in-frame start codon. The encoded isoform (4) has a shorter N-terminus than isoform 1.