

Product datasheet for **MR219888**

Anks1b (NM_001177398) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anks1b (NM_001177398) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Anks1b
Synonyms:	AIDA-1b; C030032C09Rik; E530015N03Rik; ENSMUSG00000078431; Gm1555; Gm10937
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR219888 representing NM_001177398
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGTGGCAATGCCACCCTCAGCCCCGGACTACCGCTATTACCCCGTGGACGGCTACTCCCTGCTAA
 AGCGCTTCCCTCTTACCCTCTTACAGGACCCAGATGCCCTGTCCAAACAGTGGGACAATGGCTGGAAAG
 CATTGGGCTACCTCAGTACGAGAACCACCTGATGGCTAATGGATTGACAGTGTACAGTTTATGGGAAGC
 AATGTTATGGAAGATCAGGATTTGTTGGAAATTGGAATCCTTAACTCTGGCCACAGACAGAGAATTCTAC
 AAGCGATCCAGCTCCTTCCAAAGATGAGGCCCATCGGCCATGATGGCTACCATCCACCTCTGTAGCCGA
 GTGGCTGGATTCCATTGAGCTGGGTGATTACACCAAAGCCTTCTCATCAATGGCTACACGTCCATGGAC
 CTGTTGAAAAAGATCTGGGAGCTTGAGCTTATTAATGTTTTAAAAATCAGTTTGATTGGCCACAGGAAAC
 GCATTTTGGCATCTTTGGGAGATAGGCTGCACGACGACCCTCCACAGAAGCCCCCTGGTCCATCACCT
 CAGGCAGTCGTCTGTCTGTGAAATCTGGACCAATCAGAACGCTGGATTTCTTTCTCAGCGATCCATCAG
 GTTCATAATACAGGGGACTGGGGAGAACCCTTCCATCACCTTGCAGCTCCTAATGAAGCCACAGCTCAA
 CTCCCCTCCAGTACTGGCAGCATCATCCGAAAAACTCATCTTCCAGTCATGTGACTACAAAACCTTTTA
 TTTAGGTTCTATGCTGATAAAAGAGCTGAGGGGGACAGAATCAACACAGGATGCTTGTGCAAAGATGCGG
 GCTAACTGTCAGAAGTCTACAGAGCAAATGAAGAAAGTCCCCACTATCATCTTTCCGTCTCATATAAG
 GAGTAAAAATTCGATGCGGCAAATAAGAATATAATCGCCGAACATGAAATTCGTAATATCTCCTGTGC
 TGCCCAGGACCCAGAAGACCTCTCAACATTTGCCTATATCACAAAAGATTTGAAGTCCAACCACCTAC
 TGTACGTGTTTACTGCCTTTGATGTGAATTTAGCCTATGAAATCATCCTGACGCTGGGACAGGCATTTG
 AGGTCGCTTACCAACTAGCCCTACAAGCAAGAAAAGGGGCCATTCCTCCACACTCCAGAAAGCTTTGA
 GAACAAGCCCTCGAAACCCATCCCAAAGCCCGAGTTAGCATTCGGAAGTCAGTGCAGATCGACCCCTCT
 GAGCAAAAGACTCTGGCCAATCTGCCGTGGATTGTGGAGCCGGGCAAGAAGCCAAGAGGGGCATTAATA
 CCAAGTATGAAACCACGATTTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219888 representing NM_001177398
 Red=Cloning site Green=Tags(s)

MMWQCHPSAPDYRYYPVDGYSLLKRFPLHPLTGPRCPVQTVGQWLESIGLPQYENHLMANGFDSVQFMGS
 NVMEDQDLEIGILNSGHRQRILQAIQLLPKMRPIGHDGYHPTSVAEWLDSIELGDYTKAFLINGYTSMD
 LLKKIWELELINVLKISLIGHKRILASLGDRLHDDPPQKPPRSITLRQSSVCEIWTNQAGFPFSAIHQ
 VHNTGDWGEPSITLRPPNEATSTPVQYQHHPEKLIFQSCDYKAFYLGSMLIKELRGTESTQDACAKMR
 ANCQKSTEQMKKVPTIILSVSYKGVKFIIDAANKNIIAEHEIRNISCAAQDPEDLSTFAYITKDLKSNHHY
 CHVFTAFDYNLAYEIIILTLGQAFEVAYQLALQARKGHSSTLPESFENKPSKPIPKRVSIRKSVQIDPS
 EQKTLANLPWIVEPGQEAKRGINTKYETTF

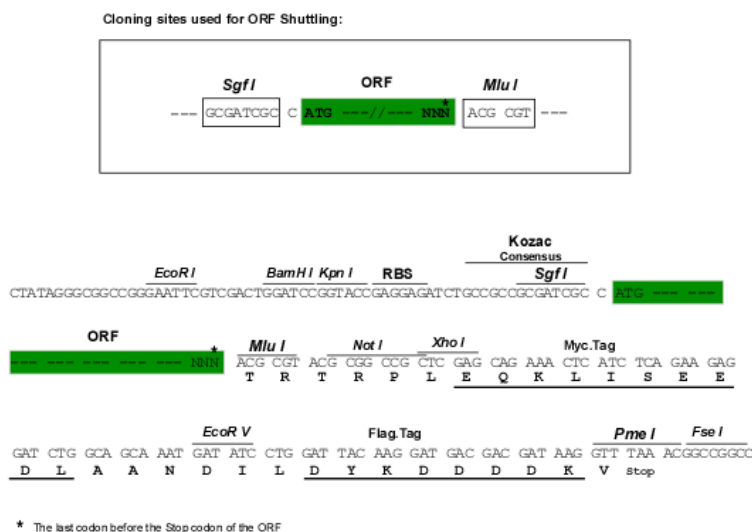
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9042_e11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001177398

ORF Size: 1353 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:**
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_001177398.2](#)

RefSeq Size: 4728 bp

RefSeq ORF: 1356 bp

Locus ID: 77531

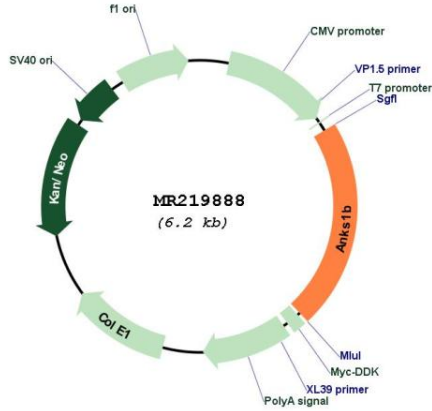
UniProt ID: [Q8BIZ1](#)

Cytogenetics: 10 C2

MW: 51.6 kDa

Gene Summary: Isoform 2 may participate in the regulation of nucleoplasmic coilin protein interactions in neuronal and transformed cells.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219888