

Product datasheet for **RG234361**

ANKDD1B (NM_001276713) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKDD1B (NM_001276713) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ANKDD1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234361 representing NM_001276713
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACCCCGCCGGCGCCCGGGGCCAAGGGGCCACGGCAGGGGGCTGCTGCTCCGGCTGCTGCGG
 CCGCCAAGGGTCTCAGGGAAGACCTGTGGGGCGCGGCCCGCCTGCCTTGGAGGAGCTGTCCCGATCCC
 GAAGCGGGAGGGTCTTGAGAGGAGGACACAGCAGTTGCCGGACACGAGCTCCTACTCCAAATGAGAGA
 AGCTTTTCAAGATGCTGCTAAAAGCAATAATTTGGATCTTATGGAGAAGCTGTTTAAAAAGAGGTTAAACA
 TTAATGTTGTGAACAATGAACCCGACAGCCCTGCATTTTGCAGTGGGAGAAATCATTATCTGCAGT
 GGATTTCTTGCTTAAACACAAGGCCAGGGTGGATGTTGCTGATAAGCACGGCTTGACAGTAATTCACCTT
 GCAGCCTGGTCTGGGAGCCTTGAGGTATGCTCATGCTGGTTAAAGCTGGAGCAGACCAGAGAGCCAAGA
 ATCAGGATGGAATGAGCGCCCTCCACTTGGCCACTCAGAGCAATCATGTGCGCATCGTGGAGTATCTTAT
 TCAAGATCTGCACCTCAAGGACCTGAACCAGCCTGATGAGAAAGGAAGAAAACATTTCTTTTGGCAGCT
 GAGAGGGGCCATGTTGAAATGATAGAAAACTTACCTTCCTAAACCTGCATACTTCAGAAAAGGACAAGG
 GGGGAAACACTGCCTTGACCTCGCTGCGAAGCATGGTCACAGTCTGCAGTGCAGGTGCTGCTAGCCCA
 GTGGCAAGACATAAATGAGATGAATGAGCTCAATATCAGTAGTTTGCAGATAGCAACCAGGAACGGCCAT
 GCATCCCTTGCACTTTCTTCTCAGTGAGAACGTTGATCTGCACCAGAAAGTGGAACTAAGGAGTCCC
 CTCTTCATTTAGTTGTTATCAACAACCACATCACGGTTGTAACAGTATTTAAGTGCACAGCATGATAT
 TGACATCTTAAATCAGAAGCAGCAAACCCCTCTGCATGTAGCTGCTGATCGTGAAATGTGGAACGGTG
 GAAACCTGCTGAAGGCAGGCTGTGACTTGAAGGCTGTTGACAAGCAAGGAAAGACTGCCCTGGCTGTGG
 CCTCCAGGAGCAACCATAGCCTTGTCTGGGCATGCTCATTAAAGCAGAGAGATACTACGCTGGAGTGA
 GGAGCATCATGAGAGCATCAGGGACCCGTC AACAGGCTTTACTCTGACATTCAAGCAAGATCACAGTCTG
 GAGACCAGACACATTCGACGCTTCTCTGGACCTGGCTTACCATCAGCTGAAGGCCAATGAGTGGCAGA
 GGCTGGCCGTTCTGTTGAACTTTACAGATGACCAGATTAGAGCCATTGAGGAGCAGTGGTGGGAAATGA
 AAGCTTCCGTGAACATGGCCACAGGGCTCTGCTTATCTGGCTACACGGGACCCTGATGACTCAGGGTGC
 CCGGCCAAGCAACTGTATGAAGAGCTGGTACACGCAGGTTTCCAAAACCTAGCTGAAAAGACTCGTCATT
 TCAAAAAGCAAACTGACTCAAACCAAGAAATGTGTAGTTTCA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234361 representing NM_001276713
 Red=Cloning site Green=Tags(s)

MDPAGRARGQGATAGLLLLRAAAAAGKGLREDLWGAAALPWRSLSRIPKREGLGEEDTAVAGHELLLPNER
 SFQNAAKSNNLDLMEKLFKVKVNIINVNNMNRALHFAVGRNHL SAVDFLLKHKARVDVADKHGLTVIHL
 AAWSGSLEVMLMLVKAGADQRAKNQDGMSALHFATQSNHVRIVEYLIQDLHLKDLNQPDEKGRKPFLLAA
 ERGHVEMIEKLTFLNLHTSEKDKGGNTALHLAAKHGHSQVLLAQWQDINEMNELNISSLQIATRNGH
 ASLVNFFLLSENVDLHQKVEPKESPLHLVVINNHTVVNSLLSAQHDIIDILNQKQQTPLHVAADRGNVELV
 ETLLKAGCDLKAVDKQGTALAVASRSNHSLVVGMLIKAERYAWREEHHE SIRD PSTGFTLTFKQDHS
 ETRHIRTLLWDLAYHQLKANEWQRLARSWNFDDQIRAIIEEQWSGNESFREHGRALLIWLHGLTMTQGD
 PAKQLYEELVHAGFPKLAEKTRHFKSKTDSNSKKCVVS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001276713

ORF Size: 1584 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_001276713.2](#)

RefSeq Size: 2552 bp

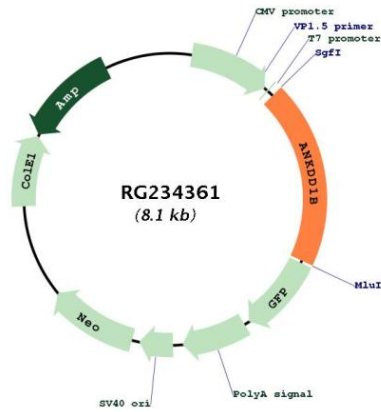
RefSeq ORF: 1587 bp

Locus ID: 728780

UniProt ID: [A6NHY2](#)

Cytogenetics: 5q13.3

Product images:



Circular map for RG234361