

Product datasheet for **MR230335**

Adra1b (NM_001284381) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adra1b (NM_001284381) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adra1b
Synonyms:	[a]1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230335 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATCCCGATCTGGACACCGGCCACAACACATCAGCACCTGCCCACTGGGAGAGTTGAAAGATGCCA
 ACTTCACTGGCCCAACCAAGACCTCGAGCAACTCCACACTGCCCACTGGACGTACCAGGGCCATCTC
 TGTGGGCTGGTCTGGGCGCCTTCATCCTCTTTGCCATCGTGGGCAACATCTTGGTCATCCTGTGGTG
 GCCTGCAACCGGCACCTGCGGACGCCACCAACTACTTATTGTCAACCTGGCCATTGCTGACCTGCTGT
 TGAGTTCACAGTCTGCCCTTCTCCGCTACCCTGGAAGTGTCTGGTACTGGGTCTGGGGCGCATCTT
 CTGTGACATCTGGGACGGTGTGATGTCTGTGTGCACGGCCTCCATCCTGAGCCTATGTGCCATCTCC
 ATTGACCGCTACATTGGGGTGCATACTCTGTCAGTACCCACGCTGGTACCCGAGGAAGGCCATCT
 TGGCGCTCCTCAGTGTGGGTCTGTCCACGGTCATCTCCATCGGGCCTCTCCTGGATGGAAAGAACC
 TGGCCCAATGACGACAAAGAATGTGGGTACAGAAGAACCCTTCTACGCCCTCTTTCTCCCTGGGC
 TCCTTCTACATCCCACTGGCGGTATCCTGGTCACTGACTGCCGAGTCTACATCGTGGCCAAAGAGGACCA
 CCAAGAATCTGGAGGCGGGAGTCATGAAGGAAATGTCCAACCTCCAAGAGCTGACCTGAGAATCCACTC
 TAAGAATTTTATGAGGACACCTCAGCAGTACCAAGGCCAAGGGCCACAACCCAGGAGTTCATAGCT
 GTCAAACCTTTTAAAGTTCTCCAGGAAAAGAAAGCAGCCAAAACCTTGGGCATTGTAGTCGGAAATGTTCA
 TCTTATGTTGGCTCCCCTTCTTCATCGCTCTCCCACTGGCTCCCTGTTCTCCACCCTAAAGCCCCGGGA
 CGCCGATTCAAGGTAGTGTCTGGCTGGGCTACTTCAACAGTGCCTCAACCCATCATCTACCCGTGC
 TCCAGCAAGGAGTCAAACGCGCCTTATGCGTATCCTGGGTGCCAGTCCGCGGTGGCGTCCGCGCC
 GCCGCGTCCGCTCTAGGAGCTGCGCTTACACCTACCGCCGTGGACCCGCGCGGCTCGTGGAGAG
 GTCGAGTCCGGAAGGACTCTCTGGATGACAGTGGCAGCTGCATGAGCGGACCCAGCGGACCCCTGCC
 TCGGCGTACCCAGCCGGGATACCTGGTCTGGAACGACGCCACCCGTGGAGCTGTGCCCTTCCCCG
 AGTGGAAACCCGAGCGCTGCTCAGCCTGCCAGAGCCTCTGGCCGCGCGGCGCCTCGACTCCGGGCC
 ACTCTTCACTTTCAAGCTCCTGGGCGAGCTGAGAGCCCGGGACCGAAGGCGACCCAGCAATGGGGC
 TGCGACACCACAACCTGACCTGGCCAACGGGCGAGCCGGCTTCAAGAGCAACATGCCCTGGCGCCGGGC
 ACTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230335 protein sequence
 Red=Cloning site Green=Tags(s)

MNPDLDTGHNTSAPAHWGELKDNFTGPNQTSNSTLPQLDVTRAI SVGLV LGAFILFAIVGNILVILSV
 ACNRHLRPTNYFIVNLAIA D L L L SFTVLPFSATLEVLGYWVLRIFCDIWA AVDVLCCASILSLCAIS
 IDRYIGVRYSLQYPTLVTRRKAILALLSVWLSTVISIGPLLGWKEPAPND DKECGVTEEPFYALFSSLG
 SFYIPLAVILVMYCRVYIVAKRTTKNLEAGVMKEMSNSKELTLRIHKNFHEDT L SSTKAKGHNPRSSIA
 VKLKF SREKKA AKTLGIVVGMFILCWLPFFIALPLGSLFSTLKPDAVFKVFWLGYFN SCLNPIIYPC
 SSKEFKRAFMRILGCQCRGRRRRRRRLGGCAYTYRPWTRGGS LERSQSRKDSLDDSGSCMSGSQRTL P
 SASPSPGYLGRGTQPPVELCAFPEWKPGALLSLPEPPGRRGR L DSGPLFTFKLLGEPESPGTEGDASNGG
 CDTTTTDLANGQP GFKSNMPLAPGHF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001284381

ORF Size: 1545 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_001284381.1](#), [NP_001271310.1](#)

RefSeq Size: 3376 bp

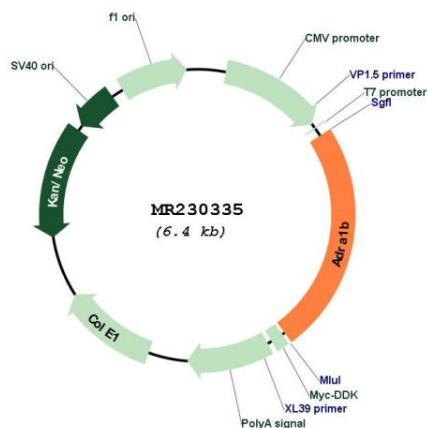
RefSeq ORF: 1548 bp

Locus ID: 11548

Cytogenetics: 11 25.81 cM

MW: 56.5 kDa

Product images:



Circular map for MR230335