

Product datasheet for **MC217275**

Adra1b (NM_007416) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adra1b (NM_007416) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adra1b
Synonyms:	[a]1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217275 representing NM_007416
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAATCCCGATCTGGACACCGGCCACAACACATCAGCACCTGCCCACTGGGAGAGTTGAAAGATGCCA
 ACTTCACTGGCCCAACAGACCTCGAGCAACTCCACACTGCCCCAGCTGGACGTACCAGGGCCATCTC
 TGTGGGCTGGTCTGGGCGCCTTCATCCTCTTTGCCATCGTGGGCAACATCTTGTCATCTGTGCGGTG
 GCCTGCAACCGGCACCTGCGGACGCCACCAACTACTTCATTGTCAACCTGGCCATTGCTGACCTGCTGT
 TGAGCTTCACAGTCTGCCCTTCTCCGCTACCTGGAAGTGCTCGGCTACTGGTGCTGGGCGCATCTT
 CTGTGACATCTGGGACGCGTTGATGTCCTGTGTGACGGCCTCCATCTGAGCCTATGTGCCATCTCC
 ATTGACCGCTACATTGGGGTGCATACTCTGTCAGTACCCACGCTGGTCAACCGCAGGAAGGCCATCT
 TGGCGCTCCTCAGTGTGTGGGTCTGTCCACGGTCATCTCCATCGGGCCTCTCCTTGGATGGAAAGAACC
 TCGCCCCAATGACGACAAAGAATGTGGGTACAGAAGAACCCTTCTACGCCCTCTTTCTCCCTGGGC
 TCTTTCTACATCCCACTGGCGGTCTGTCGTGTCGTCGAGTCTACATCGTGCCCAAGAGGACCA
 CCAAGAATCTGGAGGCGGGAGTCATGAAGGAAATGTCCAACCTCCAAGAGCTGACCTGAGAATCCACTC
 TAAGAACTTTTCATGAGGACACCTTAGCAGTACCAAGGCCAAGGGCCACAACCCAGGAGTTCCATAGCT
 GTCAAACCTTTTAAAGTTCTCCAGGAAAAGAAAGCAGCCAAAACCTTGGGCATTGTAGTCGGAATGTTCA
 TCTTATGTTGGTCCCTTCTTCATCGCTCTCCCACTTGCTCCTGTTCTCCACCCTAAAGCCCCCGGA
 CGCCGATTCAAGGTAGTGTCTGGCTGGGCTACTTCAACAGTGCCTCAACCCCATCATCTACCCGTGC
 TCCAGCAAGGAGTTCAAACGCGCCTTCATGCGTATCCTGGGTGCCAGTGCCGCGGTGGCCGTGCGCGCC
 GCCGCGTCCGCGTCTAGGAGGCTGCGTTACACCTACCGGCCGTGGACCCGCGCGGCTCGCTGGAGAG
 GTCGTCAGTCGCGGAAGGACTCTCTGGATGACAGTGCGAGCTGCATGAGCGGCAGCCAGCGGACCTGCCC
 TCGGCGTCACCCAGCCCGGATACCTGGGTCTGGAACGCAGCCACCCGTGGAGCTGTGCGCCTTCCCCG
 AGTGGAACCCGGAGCGCTGCTCAGCCTGCCAGAGCCTCTGGCCGCGCGGCGCCTCGACTCCGGGCC
 ACTCTTCACTTTCAAGCTCCTGGGCGAGCCTGAGAGCCCGGGACCGAAGGCGACGCCAGCAATGGGGG
 TCGGACACCACAACCTGACCTGGCCAACGGGCAGCCGGGCTTCAAGAGCAACATGCCCTGGCGCCCGGC
 ACTTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2045_b07.zip

Restriction Sites: SgfI-MluI

ACCN: NM_007416

Insert Size: 1548 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC138653 , AAI38654
RefSeq Size:	3222 bp
RefSeq ORF:	1548 bp
Locus ID:	11548
Cytogenetics:	11 25.81 cM