

Product datasheet for **MC228123**

Adra1b (NM_001284380) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adra1b (NM_001284380) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adra1b
Synonyms:	[a]1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228123 representing NM_001284380
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATCCCGATCTGGACACCGGCCACAACACATCAGCACCTGCCCACTGGGAGAGTTGAAAGATGCCA
 ACTTCACTGGCCCAACCAAGACCTCGAGCAACTCCACACTGCCCACTGGACGTCACCAGGGCCATCTC
 TGTGGGCTGGTCTGGGCGCCTTCATCCTCTTTGCCATCGTGGGCAACATCTTGGTCATCCTGTGGTG
 GCCTGCAACCGGCACCTGCGGACGCCACCAACTACTTATTGTCAACCTGGCCATTGCTGACCTGCTGT
 TGAGTTCACAGTCTGCCCTTCTCCGCTACCCTGGAAGTGTCTGGCTACTGGGTCTGGGGCGCATCTT
 CTGTGACATCTGGGACGGTGTGATGTCTGTGTGCACGGCCTCCATCCTGAGCCTATGTGCCATCTCC
 ATTGACCGCTACATTGGGGTGCATACTCTGTCAGTACCCACGCTGGTACCCGAGGAAGGCCATCT
 TGGCGCTCCTCAGTGTGGGTCTGTCCACGGTCATCTCCATCGGGCCTCTCCTGGATGGAAAGAACC
 TGGCCCAATGACGACAAAGAATGTGGGTGACAGAAGAACCCTTCTACGCCCTCTTTCTCCCTGGGC
 TCTTCTACATCCCACTGGCGGTCACTCTGGTCACTGACTGCCGAGTCTACATCGTGGCCAAGAGACCA
 CCAAGAATCTGGAGGCGGGAGTCATGAAGGAAATGTCCAACCTCCAAGAGCTGACCTGAGAATCCACTC
 TAAGAATTTTCATGAGGACACCTCAGCAGTACCAAGGCCAAGGGCCACAACCCAGGAGTTCATAGCT
 GTCAAACCTTTTAAAGTTCTCCAGGGAAAAGAAAGCAGCCAAAACCTTGGGCATTGTAGTCGGAAATGTTCA
 TCTTATGTTGGCTCCCCTTCTTCATCGCTCTCCCACTTGGCTCCCTGTTCTCCACCCTAAAGCCCCGGG
 CGCCGATTCAAGGTAGTGTCTGGCTGGGCTACTTCAACAGTGCCTCAACCCCATCATCTACCCGTGC
 TCCAGCAAGGAGTTCAAACGCGCCTTCATGCGTATCCTGGGTGCCAGTCCCGGGTGGCGTCCGCCG
 GCCGCCGTCGCCGTCTAGGAGGCTGCGCTTACACCTACCGCCGTGGACCCGCGGGCTCGCTGGAGAG
 GTCGTCAGTCCGGAAGGACTCTCTGGATGACAGTGGCAGCTGCATGAGCGGCAGCCAGCGGACCTGCC
 TCGGCGTCAACCCAGCCGGGATACCTGGGTCTGGAACGCAGCCACCCGTGGAGCTGTGCGCCTTCCCCG
 AGTGGAACCCGGAGCGCTGCTCAGCCTGCCAGAGCCTCTGGCCGCGCGGGCCGCTCGACTCCGGGCC
 ACTCTTCACTTTCAAGCTCCTGGGCGAGCCTGAGAGCCCGGGACCGAAGGCGACCCAGCAATGGGGC
 TGCGACACCACAACCTGACCTGGCCAACGGGCGAGCCGGCTTCAAGAGCAACATGCCCTGGCGCCGGGC
 ACTTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001284380
- Insert Size:** 1548 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_001284380.1](#), [NP_001271309.1](#)

RefSeq Size: 3226 bp

RefSeq ORF: 1548 bp

Locus ID: 11548

Cytogenetics: 11 25.81 cM