

Product datasheet for **RN208496**

Adra1d (NM_024483) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adra1d (NM_024483) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adra1d
Synonyms:	Adrd1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN208496 representing NM_024483
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTTTCGCGACATCCTGAGCGTCACTTTCGAAGGACCCCGTTCGAGCAGTAGCACTGGGGCTCCG
 GCGCGGGCGGCGAGCTGGCACGGTTGGCCCCGAGGGTGGGGCGGTGGGCGCGTCCCGGGCGCTACAGG
 CGGCGGGCGTGTGGTGGGAACCGGCAGCGGCGAGGACAACCAGAGCTCCACGGGAGAACCGGAGCCGCG
 GCGAGCGGCAAGTAAATGGCTCGGCGGCCGTCGGGGGGCTAGTGGTGAAGTCTCAGGGCGTGGGAGTGG
 GTGTCTTCTGGCGCCTTCATCCTCACCGCTGTGGCGGCAACCTGCTGGTCACTCTTTCGGTGGCCTG
 CAACCGCCACCTACAGACGGTACCAACTATTTTCATCGTGAACCTGGCGGTGGTACCTGCTTTTGAAGT
 GCAGCTGTGTGCCCTTCTCAGCCACTATGGAGGTTCTAGGCTTCTGGGCCTTCGGCCGAACCTTCTGCG
 ACGTGTGGGCGCGGTGGACGTGTGTGCTGCACTGCCTCCATCCTTAGCCTCTGCACCATCTCTGTGGA
 CCGGTACGTGGGTGTGCCCACTCGCTCAAGTACCCAGCCATTATGACAGAGCGCAAGGCCGCTGCCATT
 CTGGCTCTGCTTTGGGCGGTGGCCCTGGTGGTATCTGTGGGACCGCTACTAGGTTGGAAGGAGCCAGTGC
 CCCCAGATGAGCGTTTCTGCGGCATCACCGAGGAGGTGGGCTATGCAATCTTCTCTTCCGTGTGCTCCTT
 CTACCTACCCATGGCAGTGTGCTGATGACTGCCGCGTGTACGTGGTTCGCACGCAGCACTACGCGC
 AGCCTCGAGGCAGGCATCAAGAGGGAGCCCGCAAGGCCCTCCGAGGTGGTTCGAGGATCCACTGTCCGCG
 GCGCAGCGACCAGCGCAAAAGGATATCCCGGAACACAGAGTAGCAAGGGCCACACCTTGGCAGCTCGCT
 TTCCGTGAGGCTGCTCAAGTTTTCCCGCAGAAAAAGGCTGCCAAGACGTTGGCCATCGTCGTGGGTGTC
 TTCGTCTGTGCTGGTCCCTTCTTCTCGTCTGCCTCTGGGCTCTCTGTTCCCGCAGCTGAAACCGT
 CAGAGGGTGTCTCAAGGTCATCTTCTGGCTGGGCTACTTCAATAGCTGTGTGAACCCGCTCATCTACCC
 CTGCTCCAGTCCGCGAGTTCAAGCGCGCCTTCTCCGCTCCTGCGCTGCCAGTGTCCGCGCGCCGCGCGC
 CGCCTCTGGGCGTCTACGGCCACCCTGGCGAGCCTCGACCGGCGACGCGGTTCCGACTGCGCCCCCA
 GCCCTCGCATCGCTCCCCCGGGGCCCTCTAGCCCTCACTGCACACCCGGGTGCGGGCTCGGCAGACAC
 GCCGGAGACGCAGGATTCGGTCTCCAGCAGTCGAAAGCCAGCCTCCGCCCTCCGGGAGTGGAGACTGCTC
 GGGCCGCTACAGAGACCCAGCCAGCTGCGTGCAGGTTGTCAGCCTGTCCCATAGATTGCTCTG
 GGGCCCGCGCGGAGACTGCGTGTGCCCTGCGCTCCGAGGTAGAAGCAGTGTCCCTAAATGTTCCCA
 AGATGGGGCAGAAGCTGTATCTGCCAGGCTTATGAGCCGGGCGACTACAGCAACCTCCGAGAGACTGAC
 ATTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2082_d05.zip

Restriction Sites: SgfI-MluI

ACCN: NM_024483

Insert Size: 1686 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.

RefSeq: [NM_024483.1](#), [NP_077809.1](#)

RefSeq Size: 2939 bp

RefSeq ORF: 1686 bp

Locus ID: 29413

UniProt ID: [P23944](#)

Cytogenetics: 3q36

Gene Summary: adrenergic receptor showing high affinity for the antagonist WB4101 and agonists phenylephrine and methoxamine [RGD, Feb 2006]