

Product datasheet for **MR230055**

Adra1a (NM_001271760) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Adra1a (NM_001271760) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Adra1a |
| Synonyms: | Adr; Adra1c |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR230055 representing NM_001271760
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGCTCTTTCTGAAAATGCTTCTGAAGGCTCCAACCTGCACCCACCCGCCAGCACAGGTGAACATTT
 CTAAGGCCATTCTACTTGGGGTATCTTGGGGGCCTCATCATTTTCGGGGTCTTGGGGAATATTTTAGT
 GATCCTCTCGGTGGCCTGTCATCGGCATCTGCACTCGGTGACTACTACTACATTGTCAACCTGGCTGTG
 GCAGACCTCCTCCTCACCTCCACCGTGTGCCCTTCTCTGCCATCTTTGAGATCCTGGGCTACTGGGCT
 TTGGCAGGGTGTCTGCAACATCTGGCGCGGTGGACGTCTTATGCTGCACAGCGTCCATCATGGGCT
 CTGCATCATCTCCATCGACCGATACATTGGTGTGAGCTACCCGCTGCGCTACCCACCATTGTCACCCAG
 AGGAGGGCGTCAAGGCTCTGCTCTGCGTCTGGGCGCTTCTTGGTTCATCTCCATCGGACCCCTGTTCC
 GCTGGAGGCAGCAGGCTCCGGAGGATGAGACCATCTGCCAAATCAATGAGGAGCCAGGATACGTGCTGTT
 CTCAGCGCTGGGCTCTTCTACGTGCCACTGACCATCATCTGGTTATGTACTGTGAGTCTACGTGGTA
 GCCAAGAGAGAAAAGCCGAGGCTCAAGTCCGGCTCAAGACCGACAAGTCAGACTCAGAGCAAGTGACGC
 TCCGTATCCACCGTAAAAATGTCCTGCAGAAGGCAGCGGAGTAAGCAGTGCCAAGAATAAGACTCACTT
 CTCCTGAGGCTGCTCAAGTTTTCCCGAGAGAAGAAAGCCGCAAGACGCTGGGCATTGTGGTGGGATGC
 TTCGTCCTCTGCTGGCTGCCATTCTTCTCGTGATGCCATTGGGTCCTTCTTCCGAATTTCAAGCCAC
 CGGAAACAGTTTTCAAAATAGTATTTGGCTGGGTACCTAAATAGTTGCATCAACCCTATCATATACCC
 ATGCTCCAGCCAGGAGTTCAAGAAAGCCTTTGAGAATGTGCTGCGAATCCAGTGTCTTCGAGAAGGCAG
 TCTTCCAAGCATGCCCTGGGCTACACTCTGCACCCACCCAGCCAGGCTGTAGAGGGGCAGCACAGAGGCA
 TGGTGCGTATCCCGTGGGCTCAGGAGAGACTTTCTATAAGATCTCCAAGACAGATGGAGTCCGTGATG
 GAAGTTTTTCTTCCATGCCCCAGGGATCGGCCAGGATTACCATGCCGAAGGACCAATCCGCCTGTACC
 ACAGCCCGGGTGAGAAGTAAAAGCTTTTTGCAGGTCTGCTGCTGTGTGGGGTCTGCGACCCACGCCCTG
 AAGAAAATCACCAAGTTCACCATTAAGATCCACACCATCTCCCTCGGTGAAAACGGGGAGGAAGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230055 representing NM_001271760
 Red=Cloning site Green=Tags(s)

MVLLSENASEGSNCTHPPAQVNISKAILLGVILGGLIIFGVLGNILVILSVACHRHLHSVTHYYIVNLAV
 ADLLLSTVLPFSAIFEILGYWAFGRVFCNIWAADVLCCTASIMGLCIISIDRYIGVSYPLRYPTIVTQ
 RRGVRRALLCVWALSLVISIGPLFGWRQQAPEDETICQINEEPGYVLFALGSFYVPLTIILVMYCRVYVV
 AKRESRGLKSGLKTDKSDSEQVTLRIHRKNVPAEGSGVSSAKNKTHFSVRLKFSREKKAATLGIIVGVC
 FVLCWLPFFLVMPISFFPNFKPPETVFKIVFWLGYLNSCINPIIYPCSSQEFKKAQNVLRIQCLRRRQ
 SSKHALGYTLHPPSQAVEGQHRGMVRIPVGSGETFYKISKTDGVREWKFFSSMPQGSARITMPKQDSACT
 TARVRSKSFQVCCCVGSSTPRPEENHQVPTIKIHTISLGENGEEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

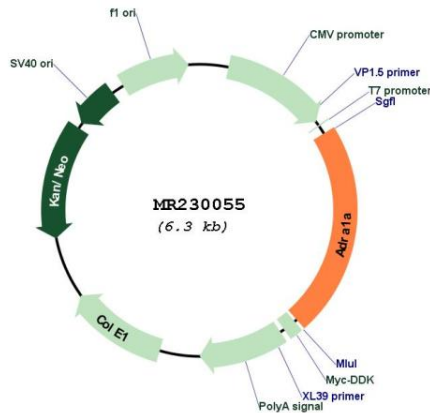
Sgfl-MluI

Cytogenetics: 14 D1

MW: 51.7 kDa

Gene Summary: This gene encodes one of several multipass transmembrane proteins that function as G protein-coupled receptors. The encoded protein binds to epinephrine and norepinephrine to mediate signaling in cells of the cardiac, nervous, and other organ systems. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2012]

Product images:



Circular map for MR230055