

Product datasheet for MC208113

Adrb3 (NM_013462) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adrb3 (NM_013462) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adrb3
Synonyms:	Adrb-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208113 representing NM_013462 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCCGTGGCCTCACAGAAACGGCTCTCTGGCTTTGTGGTCGGACGCCCTACCCTGGACCCAGTG
CAGCCAACACCAGTGGGTTGCCAGGAGTACCATGGGCAGCGCATTGGCTGGGGCATTGCTGGCGTGGC
CACGGTGGGAGGCAACCTGCTGGTAATCATAGCCATCGCCCGACGCCGAGACTACAGACCATAACCAAC
GTGTTCTGACTCACTGGCCGAGCTGACTTGGTAGTGGGACTCCTCGTAATGCCACCAGGGCCACAT
TGGCGCTGACTGGCCATTGGCCCTTGGGCGAAACTGGTTGCGAACTGTGGACGTCAGTGGACGTGCTCTG
TGTAAGTCTAGCATCGAGACCTTGTGCGCCCTGGCTGTGGACCGCTACCTAGCTGTACCAACCCCTTG
CGTTACGGCACGCTGGTTACCAAGCGCCGCGCCCGCGCGCAGTTGTCCTGGTGTGGATCGTGTCCGCTG
CCGTGTCTTTGCGCCCATCATGAGCCAGTGGTGGCGTGTAGGGGAGATGCCGAGGCACAGGAATGCCA
CTCCAATCCGCGCTGCTGTTCTTTGCCTCCAACATGCCCTATGCGCTGCTCTCCTCCGCTCTCCTTC
TACCTTCCCCTCCTGTGATGCTCTTCGTCTATGCTCGAGTGTTCTGTTGGCTAAGCGCCAACGGCATT
TGCTGCGCCGGAACTGGGCCGTTCTCGCCGAGGAGTCTCCGCCGCTCCGTCGCGCTCTCCGTCCTG
TGCCACAGGCGGGACACCCGCGGCACCGGATGGAGTGCCCCCTGCGGCCGGCGGCTGCGCGCTCCTG
CCACTCCGGGAACACCCGCGCCCTGCGCACCTTAGGTCTCATTATGGGCATCTTCTCTGTGCTGGCTG
CCTTCTTCTGGCAACGTGCTGCGCGCACTCGCGGGCCCTCTCTAGTTCAGCGGAGTTTTCATCGC
CCTGAAGTGGCTGGGCTATGCCAACTCCGCCTTCAACCCGGTCACTACTGCCGAGCCCGGACTTTCGC
GACGCTTCCGTCGTCTTCTGTGTAGCTACGGTGGCCGTGGACCGGAGGACCCAGCGCAGTCACCTTCC
CAGCCAGCCCTGTTGAAGCCAGGAGAGTCCACCCTCAACAGGTTTGTGGCTATGAAGGTGCGCGTCC
GTTTCCACGTGA

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013462
Insert Size:	1203 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).
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:	<ol style="list-style-type: none">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:	<u>NM_013462.3</u> , <u>NP_038490.2</u>
RefSeq Size:	2795 bp
RefSeq ORF:	1203 bp
Locus ID:	11556
UniProt ID:	<u>P25962</u>
Cytogenetics:	8 15.94 cM
Gene Summary:	Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. Beta-3 is involved in the regulation of lipolysis and thermogenesis.[UniProtKB/Swiss-Prot Function]