

Product datasheet for MC210279

Aaed1 (NM_025370) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aaed1 (NM_025370) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aaed1
Synonyms:	1110018J18Rik; AI849003
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210279 representing NM_025370 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCCGCGCCGGTGACGCGGCAGGTACGCGGCTGCGCAGGCCGGTCCCGAGCCCGGTGGCTCGGTCA
CAGAGCGCGGGCAGCCGCTAGCGGCCGCCGTAGCGGAGCTGCCGTGCTGGACGCGTCTGGGAGACGGT
GACGTTCCGAGCGCTGTTCCGAGAGCGCGAGCCGTGGTGGTGTGAGGCATTTCTGTGTTACGTC
TGTAAGAATATGTCGAAGATCTGGCCAAAATCCCAAGAGCGTCCTCCGAGAAGCAGATGTACCCTCA
TAGTGATTGGACAATCATCATACCATCATATTGAGCCTTCTGCAAAGTACTGGATATTCTCATGAAAT
CTATGTTGATCCTGAGAGAGAAATTTACAAAAGATTGGGAATGAAAAGAGGTGAAGAAATTTCTCCTCT
GGACAGAGCCCCACATAAAGTCCAACCTGCTCTCGGGAAGCCTTCAGAGCCTGTGGCGGCAGTCACTG
GCCCACCTTTTGTATTTCCAAGGAGACCCAGCTCAGCAAGGAGGAACCCCTATTTTAGGTCCAGGTAACAA
CATCCACTTTGTGCACCGAGACAGGAATAGGTTGGATCACAACCCATAAACTCTGTTTTACAGTTGTG
GGGTTTCAGCCTGTGAATTCATGAGCAGACCTACAGTCATCCACGT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_025370
Insert Size:	681 bp


[View online »](#)

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:	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:	NM_025370.2 , NP_079646.1
RefSeq Size:	972 bp
RefSeq ORF:	681 bp
Locus ID:	66129
UniProt ID:	Q9D1A0
Cytogenetics:	13 B3
Gene Summary:	May regulate positively ERK1/2 signaling and AKT1 activation leading to HIF1A up-regulation with an increased expression of glycolysis genes and enhanced glycolysis.[UniProtKB/Swiss-Prot Function]