

## Product datasheet for **MC226849**

### Adal (NM\_001290811) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Adal (NM\_001290811) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Adal  
**Synonyms:** 4930578F03Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226849 representing NM\_001290811  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTCCAAGTTATACATCAGCTTACTACTAGTGCTGAGGACATCCTGATGGTCACAAAAGACGTCATTA  
AGGAATTTGCAGATGATGGTGTCAAGTACCTGGAGCTGAGGAGCACTCCCAGAGAAGAAAATGCTACTGG  
AATGACTAGGAAGACTTACGTGGAATCCGTCCTTGAAGGCATAAAAACAATGCAAACAGGAAAACCTAGAT  
ATTGATGTTAGGTATTTGATGGCAATTGACAGAAGAGGTGGCCCAACAATAGCCAGGGAGACTGTGGAAC  
TTGCTAAAGAGTTCTTCTCTCTACTGAGAATACAGTTCTTGGCCTTGACCTCAGTGGAGATCCAACAT  
AGGACAAGCTAACGACTTCTTGGAGCCTCTTTAGAAGCTAAAAAGCAGGTCTGAAGTTGGCATTGCAT  
CTTGCCGAGATTCCAAACAGGAAAAAGAAAATCAGATGCTGCTGAGTCTGCTCCCTGACAGAATTGGGC  
ATGGGACATTCTTAGCGCCTCTGAGGCAGGGCCCTGGACCAAGTGGACTTCGTGAGGCAACACCAGAT  
ACCCCTCGAATTTGTTTGACCTCAAACATCAAAGCCAGACAGTCCCTTCTTATGATCAGCATCACTTT  
GGATTTTGGTACAGCATTGCTCATCCTTCTGTGATCTGTACTGATGATAAAGGTGTTTTTGGACATACC  
TTTCTCAAGAATATCAACTGGCAGCAGAAACATTTAATTTGACCCATTTAGGTGTGGGATCTGTCTTA  
TGAATCCATCAACTACATCTTTGCTTGTGACAACACCAGATCTGAACTGAGAAAAAGGTGGACTCACTTG  
AAGCAGAAAGTGTTAACTGTAATGAGGTGAACTACTTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001290811  
**Insert Size:** 882 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001290811.1</a></u> , <u><a href="#">NP_001277740.1</a></u>
<b>RefSeq Size:</b>	2475 bp
<b>RefSeq ORF:</b>	882 bp
<b>Locus ID:</b>	75894
<b>UniProt ID:</b>	<u><a href="#">Q80SY6</a></u>
<b>Cytogenetics:</b>	2 E5
<b>Gene Summary:</b>	<p>Putative nucleoside deaminase. May catalyze the hydrolytic deamination of adenosine or some similar substrate and play a role in purine metabolism (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains alternate 5' exon structure, and it thus differs in its 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to variant 1.</p>