

Product datasheet for **MC207758**

Adal (NM_029475) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adal (NM_029475) 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: >MC207758 representing NM_029475
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGCCGGACAGCAGTGGCCTGGGAAGACAGACTTTTATCTGCAATTACAAAAGTGGAGCTCCATG
CCCCTTGAATGGCTCCATTAGTCCAGTACCATGAAGAACTGATAGCCAAGAAGCCACATCTTAACGT
TCATGGTCACATGACCATGATTGACAAGGGGAAGAAAAGGACTTTACAAGATGTTCCAGATGTTCCAA
GTTATACATCAGCTTACTACTAGTGTGAGGACATCCTGATGGTCACAAAAGACGTCATTAAGGAATTTG
CAGATGATGGTGTCAAGTACCTGGAGCTGAGGAGCACTCCAGAGAAGAAAATGCTACTGGAATGACTAG
GAAGACTTACGTGGAATCCGTCCTTGAAGGCATAAAAACAATGCAAAACAGGAAAACCTAGATATTGATGTT
AGGTATTTGATGGCAATTGACAGAAGAGGTGGCCCAACAATAGCCAGGGAGACTGTCGAACCTTGCTAAAG
AGTTCTTCTCTACTACTGAGAATACAGTTCTTGGCCTTGACCTCAGTGGAGATCCAACATAGGACAAGC
TAACGACTTCTTGGAGCCTCTTTTAGAAGCTAAAAAGCAGGTCTGAAGTTGGCATTGCATCTTGCCGAG
ATTCAAAACAGGGAAAAAGAAAATCAGATGCTGCTGAGTCTGCTCCCTGACAGAATTGGGCATGGGACAT
TCCTTAGCGCCTCTGAGGCAGGGGCCCTGGACCAAGTGGACTTCGTGAGGCAACACCAGATACCCCTCGA
ACTTTGTTTGACCTCAAACATCAAAGCCAGACAGTCCCTTCTTATGATCAGCATCACTTTGGATTTTGG
TACAGCATTGCTCATCCTTCTGTGATCTGTACTGATGATAAAGGTGTTTTTGGCAGATACCTTTCTCAAG
AATATCAACTGGCAGCAGAAACATTTAATTTGACCCCATTTACAGGTGTGGGATCTGCTCATGAATCCAT
CAACTACATCTTTGCTTGTGACAACACCAGATCTGAAGTGAAGAAAAGGTGGACTCACTTGAAGCAGAAA
GTGTTAAACTGTAATGAGGTGAAGTACTTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029475



Insert Size:	1083 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_029475.2, NP_083751.1</u>
RefSeq Size:	2367 bp
RefSeq ORF:	1083 bp
Locus ID:	75894
UniProt ID:	<u>Q80SY6</u>
Cytogenetics:	2 E5
Gene Summary:	<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 (1) encodes the longest isoform (a). The 5' UTR of this variant is incomplete due to lack of a complete transcript and splice pattern ambiguity in the upstream region.</p>