

Product datasheet for **SC321993**

ADAL (NM_001012969) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAL (NM_001012969) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAL
Synonyms:	HsMAPDA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC321993
 CATTTGTCGCCAGAATACGGTCCGCTACCGCTGTGACATGAGTGTAGGGAAGGCGGGTTG
 TCACGTTTCTACAAGCCTTCCAGTCAAAAGGGAACCTTGCCTAAGTCCTTGTAGTTGAG
 AAATCTCTAAGAGGAGGCTGAAGTGGGAGGATCGCTTGAGTCTGGAAGCTTGAGACTGCA
 GCAAGCTGTGATCGTGACTGCACTCCAGCCTGGGCAACAAAGTAAGATCCTGTCTCAA
 AAAAAAAAAAAAAAAAAAGGTGAAGCTGAACCCAGATCTACACATACAGCTAATCTTACCAA
 AATGTGTGGAAGTAAAGCAATCTGAAGGAAATTCAGTACCATACAATTTACTGACTGAAA
 TACATCATATTGCTCATACTAAGAATAAGAGTGGAGAAGAATCATTTTTTCTCTGCTAAA
 ATGATAGAGGCAGAAGAGCAACAGCCTTCAAGACAGACTTCTATTCTGAATTGCCAAAA
 GTGGAACCTCATGCCACTTGAATGGATCCATTAGTTCTCATACCATGAAGAAATTAATA
 GCCCAGAAGCCAGATCTTAAATCCACGATCAGATGACTGTGATTGACAAGGAAAGAAA
 AGAACTTTGGAAGAATGTTTCCAGATGTTTCAAATTCATCAGCTTACTAGTAGCCCT
 GAAGATATTCTAATGGTCACAAAAGATGCATAAAAGAATTTGCAGATGACGGCGTCAAG
 TACCTGGAATAAGGAGCACACCAGAAGAGAAAATGCTACCGGAATGACTAAAAAGACT
 TATGTGGAATCTATACTTGAAGGTATAAAACAGTCCAAACAAGAAAATTTGGACATTGAT
 GTTAGGATTTGATAGCAGTTGACAGAAGAGGTGGCCCTTTAGTAGCCAAGGAGACTGTA
 AAATTGCCCAGGAGTTCTTCTTTCTACTGAGGGTACAGTTCTTGGCCTTGACCTCAGT
 GGAGACCTACTGTAGGACAAGCAAAAGACTTCTTGGAACCTCTTTAGAAAGCTAAGAAA
 GCAGGTCTGAAGTTAGCATTGCATCTTTTCCAGAGATTCCAAACCAAAAAAAAAAGAACACAA
 ATACTCCTGGATCTGCTTCTGACAGAATCGGGCATGGAACATTTCTCAACTCCGGTGAG
 GGAGGATCCCTGGATCTGGTGGACTTTGTGAGGCAACATCGGATACCACTGGGTAAGGCT
 TGGAGTTTCAGTCTTCCAGATGACTCTCTGTCTCTCCCCAATCCCCAGGTTGCCTGGG
 GATTACAGAGAAGTACTGTTCTAAAAGTACGAATGTCATCTAGCTATTAAGATGGAGT
 GTGTGCTTTCTGAGCCTTATTTAAAACAGAAAGCTTTAGCTTCCATTAGAATATAAGCTC
 TATGAGAGCAGGGCCCTGCTTGTCTTATTCTGTTTACATTCTCCAATGCTTGGAACTC
 AATAAGAATTTTTAAAGGAATAAAGGGTCATCTAGAATTTAAAATGACTTTAACAAAA
 TTGACATGTGTTATGAAAATATGTAACATTATTTAAAAATTAACATGGAAAATCCCAAA
 AA
 AA

Restriction Sites: Please inquire

ACCN: NM_001012969

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001012969.1</u> , <u>NP_001012987.1</u>
RefSeq Size:	1622 bp
RefSeq ORF:	804 bp
Locus ID:	161823
UniProt ID:	<u>Q6DHV7</u>
Cytogenetics:	15q15.3
Protein Families:	Druggable Genome
Gene Summary:	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]