

Product datasheet for **SC324297**

AADAC (NM_001086) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AADAC (NM_001086) Human Untagged Clone
Tag:	Tag Free
Symbol:	AADAC
Synonyms:	CES5A1; DAC
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 NM_001086.2
 GAGACCAAGAAGCGGGACGTTCCACCATGGGAAGAAAATCGCTGTACCTTCTGATTGTGGG
 GATCCTCATAGCATATTATTTATACGCCTCTCCCAGATAACGTTGAGGAGCCATGGAG
 AATGATGTGGATAAACGCACATCTGAAACTATACAAAATTTGGCTACATTTGTGGAGCT
 CCTGGGACTTCACCATTTTATGGATTCCTTAAGGTTGTCGGGAGCTTTGATGAAGTCCC
 ACCAACCTCAGATGAAAAATGTCACCTGTGACTGAGACAAAATCAACAACATTTCTGTTCCG
 GGTATATGTGCCAAAGAGAAAGTCTGAAGCACTAAGAAGGGGGTGTGTTTACATCCATGG
 TGGAGGCTGGTGCCTGGGAAGTGCCTGCTCTAAGTGGTTATGACTTGTCAAGATGGAC
 AGCAGACAGACTTGATGCTGTCGCTATCAACCAACTACAGATTAGCACCTAAGTATCA
 TTTCCCAATTCATTTGAAGATGTATATAATGCCTAAGGTGGTCTTACGTAATAAAGT
 TCTTGCAAAATATGGTGTGAACCCTGAGAGAATCGGTATTTCTGGAGATAGTGCAGGAGG
 GAATTTAGCTGCAGCAGTACTCAACAGCTCCTTGATGACCCAGATGTCAAGATCAAAC
 CAAGATCCAGTCTTTAATTTATCCTGCCCTTCAGCCTCTTGATGTAGATTTACCGTCATA
 TCAAGAAAATTCAAATTTCTATTTCTATCCAAATCACTCATGGTCAGATTCTGGAGTGA
 ATATTTTACCCTGATAGATCACTTGAAGGCAATGCTTCCAGACAACATGTACTGT
 GGATCAAGTCATCTCTTCAAATTTGTTAATTGGAGTTCCTGCTCCCTGAGAGGTTTAT
 AAAAGGACATGTTTATAACAATCCAAATTTATGGCAGTTCTGAGCTGGCTAAAAATATCC
 AGGGTTCCTAGATGTGAGGGCAGCCCTTTGTTGGCTGATGACAACAAATTACGTGGCTT
 ACCCCTGACCTATGTCATCACCTGTCAATATGATCTCTTAAGAGATGATGGACTCATGTA
 TGTCAACCCGACTTCGCAACACTGGGGTTCAGGTGACTCATAACCATGTTGAGGATGGATT
 CCATGGAGCATTTTCATTTCTGGGACTTAAAATTAGTCACAGACTTATAAATCAGTATAT
 TGAGTGGCTAAAGGAAAAATCTATAGTAAACATGTAGCTATAACATATTTTAAAAATAAA
 ATCTGAAAACCTCAGAAAATTTGCATTAGAAATGGTCTTTCTTAGAATGGTCTAGTTAA
 GTTCCACATGTAGCATAATTCTTAAATAGCACTTTTCTGTTTTTTTTTCTTACTGTGG
 GATTTTCATTTCAATTTTCTACATTGTCTATCTGCTTTTTCTGAGATTTTCTTCTTACAC
 TGTTAATCTTATTTTAAAAAATATTACATTCTGTATACTTTATTTTTGTGAGTTGGCTA
 CTATTTACGATGCAAGAGAATAAATGTGAGCAAAATTTGCCAAAAAAAAAAAAAAAAAAAA
 AA
 AA

- Restriction Sites:** Please inquire
- ACCN:** NM_001086
- 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:	NM_001086.2 , NP_001077.2
RefSeq Size:	1725 bp
RefSeq ORF:	1200 bp
Locus ID:	13
UniProt ID:	P22760
Cytogenetics:	3q25.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Microsomal arylacetamide deacetylase competes against the activity of cytosolic arylamine N-acetyltransferase, which catalyzes one of the initial biotransformation pathways for arylamine and heterocyclic amine carcinogens [provided by RefSeq, Jul 2008]