

# Recombinant Human AADAC Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** AADAC-3902H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	AADAC MS Standard C13 and N15-labeled recombinant protein (NP_001077) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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
<b>Molecular Mass</b>	45.7 kDa
<b>AA Sequence</b>	MGRKSLYLLIVGILIAYYIYTPLPDNVEEPWRMMWINAHLKTIQNLATFVELLGLHHFM DSFKVVGSGFDEVPPPTSDENVTVTETKFNILVRVYVPKRKSEALRRGLFYIHGGGWC VGSAALSGYDLLSRWTADRLDAVVVSTNYRLAPKYHFPIQFEDVYNALRWFLRKKVL AKYGVNPERIGISGDSAGGNLAAAVTQQLDDPDVKIKLKIQSLIYPALQPLDVDLPSY QENSNFLFLSKSLMVRWFSEYFTTDRSLEKAMLSRQHPVVESSHLFKFVNWSSLLP ERFIKGHVYNNPNYGSSELAKKYPGFLDVRAAPLLADDNKLRGLPLTYVITCQYDLLR DDGLMYVTRLRNTGVQVTHNHVEDGFHGAFSFLGLKISHRLINQYIEWLKENLTRTR PLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

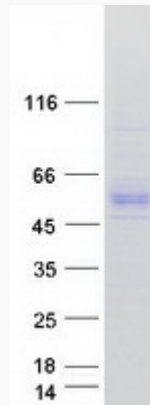
<b>Gene Name</b>	<a href="#">AADAC arylacetamide deacetylase [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">AADAC</a>
<b>Synonyms</b>	AADAC; arylacetamide deacetylase (esterase); arylacetamide deacetylase; CES5A1; DAC;
<b>Gene ID</b>	<a href="#">13</a>
<b>mRNA Refseq</b>	<a href="#">NM_001086</a>
<b>Protein Refseq</b>	<a href="#">NP_001077</a>
<b>MIM</b>	<a href="#">600338</a>
<b>UniProt ID</b>	<a href="#">P22760</a>

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**SDS-PAGE**



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