



# Recombinant Human Arylacetamide deacetylase (AADAC), partial

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| <b>Product Code</b>      | CSB-EP001014HU   |
| <b>Relevance</b>         | Displays cellular triglyceride lipase activity in liver, increases the levels of intracellular fatty acids derived from the hydrolysis of newly formed triglyceride stores and plays a role in very low-density lipoprotein assembly. Displays serine esterase activity in liver. Deacetylates a variety of arylacetamide substrates, including xenobiotic compounds and procarcinogens, converting them to the primary arylamide compounds and increasing their toxicity. |
| <b>Abbreviation</b>      | Recombinant Human AADAC protein, partial   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | P22760   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.  |
| <b>Sequence</b>          | PDNVEEPWRMMWINAHLKTIQNLATFVELLGLHHFMDSFKVVGSFDEVPPTS<br>DENVTVTETKFNNILVRVYVPKRKSEALRRGLFYIHGGGWCVGSAALSGYDLL<br>SRWTADRLDAVVVSTNYRLAPKYHFPIQFEDVYNALRWFLRKKVLAKYGVNPE<br>RIGISGDSAGGNLAAAVTQQLLDDPDVKIKLKIQSLIYPALQPLDLDLPSYQENS<br>NFLFLSKSLMVRFWSEYFTTDRSLEKAMLSRQHVPVESHFLKFDVNWSSLLPE<br>RFIKGHVYNNPNYGSSELAKKYPGFLDVRAAPLLADDNKLRLPLTYVITCQYD<br>LLRDDGLMYVTRLRNTGVQVTHNHVEDGFHGAFSFLGLKISHRLINQYIEWLK<br>ENL  |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | AADAC  |
| <b>Protein Names</b>     | Recommended name: Arylacetamide deacetylase EC= 3.1.1.3  |
| <b>Expression Region</b> | 24-399aa   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged  |
| <b>Mol. Weight</b>       | 63.1kDa  |
| <b>Protein Length</b>    | partial  |
| <b>Image</b>             |  |

