

Recombinant Human AADAC Protein (24-399 aa), His-SUMO-Myc-tagged

Cat. No. AADAC-2183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AADAC Protein (24-399 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	24-399 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	63.1 kDa
AA Sequence	PDNVEEPWRMMWINAHLKTIQNLATFVELLGLHHFMDSFKVVGSGFDEVPPTSDENV TVTETKFNILVRVYVPKRKSEALRRGLFYIHGGGWCVGSAALSGYDLLSRWTADRL DAVVVSTNYRLAPKYHFPIQFEDVYNALRWFLRKKVLAKYGVNPERIGISGDSAGGN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LAAAVTQQLDDPDVKIKLKIQSLIYPALQPLDVDLPSYQENSNFLFLSKSLMVRFWSEYFTTDRSLEKAMLSRQHVPVESSHLFKFVNWSSLLPERFIKGHVYNNPNYGSSELA
KKYPGFLDVRAAPLLADDNKLRGLPLTYVITCQYDLLRDDGLMYVTRLRNTGVQVTH
NHVEDGFHGAFSFLGLKISHRLINQYIEWLKENL

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage 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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name AADAC arylacetamide deacetylase (esterase) [Homo sapiens]

Official Symbol AADAC

Synonyms AADAC; arylacetamide deacetylase (esterase); arylacetamide deacetylase; CES5A1; DAC;

Gene ID 13

mRNA Refseq NM_001086

 Tel: 1-631-559-9269 1-516-512-3133

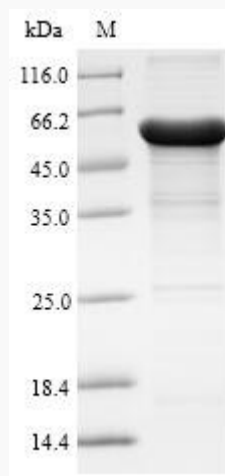
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq [NP_001077](#)

MIM [600338](#)

UniProt ID [P22760](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA