

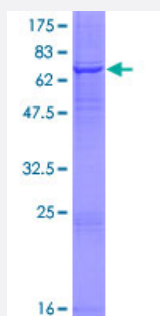
Full-Length

AADAC (Human) Recombinant Protein (P01)

Catalog # H00000013-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AADAC full-length ORF (NP_001077.2, 1 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGRKSLYLLIVGILIAYYITPLPDNVEEPWRMMWINAHLKTIQNLATFVELLGLHHFMDSFKVVGGSF
 DEVPPTSDENVTVTETKFNNILVRVYVPKRKSEALRRGLFYIHGGGWCVGSAALSGYDLLSRWTA
 DRLDAVVVSTNYRLAPKYHFPIQFEDVYNALRWFLRKKVLAKYGVNPERIGISGDSAGGNLAAAVT
 QQLDDPDVKIKLKIQSLYPALQPLDVDLPSYQENSNFLFLSKSLMVRFWSEYFTTDRSLEKAML
 SRQHVPVESSHLFKFVNWSSLLPERFIKGHVYNNPNYGSSELAKKYPGFLDVRAAPLLADDNKLR
 GLPLTYVITCQYDLLRDDGLMYVTRLRNTGVQVTHNHVEDGFHGFASFGLKISHRLINQYIEWLKE
 NL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.1

Interspecies Antigen Sequence

Mouse (70); Rat (68)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AADAC

Entrez GeneID	13
GeneBank Accession#	NM_001086.2
Protein Accession#	NP_001077.2
Gene Name	AADAC
Gene Alias	CES5A1, DAC
Gene Description	arylacetamide deacetylase (esterase)
Omim ID	600338
Gene Ontology	Hyperlink
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]
Other Designations	arylacetamide deacetylase

Pathway

- [Tropane](#)

Disease

- [Tobacco Use Disorder](#)