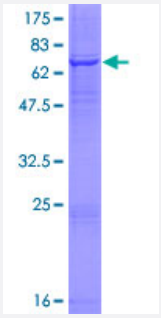
Full-Length Sm Size

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	MGRKSLYLLIVGILIAYYIYTPLPDNVEEPWRMMWINAHLKTIQNLATFVELLGLHHFMDSFKVVGSF DEVPPTSDENVTVTETKFNNILVRVYVPKRKSEALRRGLFYIHGGGWCVGSAALSGYDLLSRWTA DRLDAVVVSTNYRLAPKYHFPIQFEDVYNALRWFLRKKVLAKYGVNPERIGISGDSAGGNLAAAVT QQLLDDPDVKIKLKIQSLIYPALQPLDVDLPSYQENSNFLFLSKSLMVRFWSEYFTTDRSLEKAML SRQHVPVESSHLFKFVNWSSLLPERFIKGHVYNNPNYGSSELAKKYPGFLDVRAAPLLADDNKLR GLPLTYVITCQYDLLRDDGLMYVTRLRNTGVQVTHNHVEDGFHGAFSFLGLKISHRLINQYIEWLKE 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.

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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-ac etyltransferase, which catalyzes one of the initial biotransformation pathways for arylamine and het erocyclic amine carcinogens [provided by RefSeq
Other Designations	arylacetamide deacetylase

Pathway

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- Tropane

Disease

- Tobacco Use Disorder

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