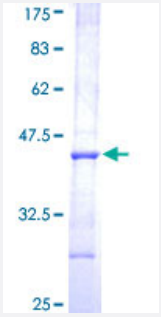
Sm Size

AADAC (Human) Recombinant Protein (Q01)

Catalog # H00000013-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human AADAC partial ORF (NP_001077, 201 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QLLDDPDVKIKLKIQSLIYPALQPLDVDLPSYQENSNFLFLSKSLMVRFWSEYFTTDRSLEKAMLS RQHVPVESSHLFKFINWSSLLPERFIKGHVYNNP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (73); Rat (69)
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.

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Applications

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

Gene Info — AADAC

Entrez GeneID	13
GeneBank Accession#	NM_001086
Protein Accession#	NP_001077
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

- Tropane

Disease

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- Tobacco Use Disorder

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