

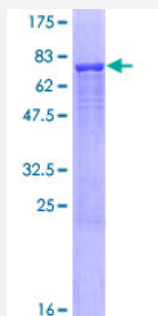
Full-Length

ALLC (Human) Recombinant Protein (P01)

Catalog # H00055821-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ALLC full-length ORF (AAH29652.1, 1 a.a. - 409 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADAPKEGRLTRFLDFTQLMDMASESVGGKILFATDDFFAPAENLIKSDSPCFKEHEYTEFGKW
MDGWETRRKRIPGHDWCVLRLGIQGVIRGFDVDVSYFTGDYAPRVSIQAANLEEDKLPEIPERGIR
TGAAATPEEFEAIAELKSDDWSYLVPMTCLKPGNPASGHNYFLVNSQQRWTHIRLNIFPDGGIARL
RVFGTGQKDWTATDPKEPADLVAIAFGGVCVGFSNAKFGHPNNIIGVGGAKSMADGWETARRLD
RPPILENDENGILLVPGCEWAVFRLAHPGVITRIEDTKYFEGNAPDSCCKVDGCILTTQEEAVIRQKW
ILPAHKWKPLLPVTKLSPNQSHLFDLSLTLELQDVITHARLTVPDGGVSRLRLRGFPSSICLLRPRE
KPMLKFSVSFKANP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72

Interspecies Antigen Sequence

Mouse (79); Rat (80)

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 — ALLC

Entrez GeneID	55821
GeneBank Accession#	BC029652.1
Protein Accession#	AAH29652.1
Gene Name	ALLC
Gene Alias	ALC
Gene Description	allantoicase
Gene Ontology	Hyperlink
Gene Summary	Allantoicase (EC 3.5.3.4) participates in the uric acid degradation pathway. Its enzymatic activity, like that of urate oxidase (MIM 191540), was lost during vertebrate evolution.[supplied by OMIM]
Other Designations	allantoate amidinohydrolase

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)