

Recombinant Full Length Human ALLC Protein, GST-tagged

Cat. No. ALLC-1464HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALLC full-length ORF (AAH29652.1, 1 a.a. - 409 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	409 amino acids
Description	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, Nov 2008]
Molecular Mass	72 kDa
AA Sequence	MADAPKEGRL TRFLDFTQLM DMAESVGGK ILFATDDFFA PAENLIKSDS PCFKEHEYTE FGKWMGWET RKRIPGHDW CVLRLGIQGV IRGFDVDVSY FTGDYAPRVS IQAANLEEDK LPEIPERGIR TGAAATPEEF EAIAELKSDD WSYLVPMTEL KPGNPASGHN YFLVNSQQRW THIRLNIFPD GGIARLRVFG TGQKDWTATD PKEPADLVAI AFGGVCVGFS NAKFGHPNNI IGVGGAKSMA DGWETARRLD RPPILENDEN GILLVPGCEW AVFRLAHPGV ITRIEIDTKY FEGNAPDSCK VDGCILTTQE EAVIRQKWIL PAHKWKPLLP VTKLSPNQSH LFDSLTLLELQ DVITHARLTI VPDGGVSRLR LRGFPSSICL LRPREKPMK FSVSFKANP

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ALLC allantoicase [Homo sapiens]
Official Symbol	ALLC
Synonyms	allantoicase; ALC; Allantoate amidinohydrolase; EC 3.5.3.4; probable allantoicase; OTTHUMP00000200095
Gene ID	55821
mRNA Refseq	NM_018436
Protein Refseq	NP_060906
MIM	612396
UniProt ID	Q8N6M5

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