

Recombinant Human ALLC, His-tagged

Cat. No. ALLC-9589H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALLC protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	ALLC allantoicase [Homo sapiens]
Official Symbol	ALLC

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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
Chromosome Location	2q35
Pathway	Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; allantoin degradation to ureidoglycolate I (urea producing), organism-specific biosystem
Function	allantoicase activity; hydrolase activity

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