

## Product datasheet for PH316471

### ALLC (NM\_018436) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ALLC MS Standard C13 and N15-labeled recombinant protein (NP_060906)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216471
Predicted MW:	43.4 kDa
Protein Sequence:	>RC216471 representing NM_018436 Red=Cloning site Green=Tags(s)  MDMASVSGKILFATDDFFAPAENLIKSDSPCFKEHEYTEFGKWDGWETRRKRIPGHDCVLRRLGIQG VIRGFDVDVSYFTGDYAPRVSIIQAANLEEDKLEIPERGTRTGAAATPEEFEAIAELKSDDSYLVPMTE LKPGNPASGHNYFLVNSQQRWTHIRLNIFPDGGIARLRVFTGQKQDWTATDPKEPADLVIAIFGGVCVGF SNAKFGHPNNIIGVGGAKSMADGWETARRLDRPPILENDENGILLVPGCEWAVFRLAHPGVITRIEIDTK YFEGNAPDSCKVDGCILTTQEEEEAVIRQKWILPAHKWKPLLPTVKLSPNQSHLFDLSTLELQDVITHARL TIVPDGGVSRRLRGRFPSSICLLRPREKPLKFSVSFKANP  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_060906</a>
RefSeq Size:	1443
RefSeq ORF:	1173
Synonyms:	ALC
Locus ID:	55821



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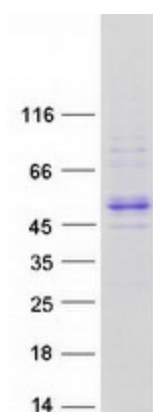
UniProt ID: [Q8N6M5](#), [B4DY77](#)

Cytogenetics: 2p25.3

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, Nov 2008]

Protein Pathways: Metabolic pathways, Purine metabolism

### Product images:



Coomassie blue staining of purified ALLC protein (Cat# [TP316471]). The protein was produced from HEK293T cells transfected with ALLC cDNA clone (Cat# [RC216471]) using MegaTran 2.0 (Cat# [TT210002]).