

Product datasheet for **TP316471M**

ALLC (NM_018436) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human allantoicase (ALLC), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216471 representing NM_018436 Red=Cloning site Green=Tags(s)

MDMASESVGGKILFATDDFFAPAENLIKSDSPCFKEHEYTEFGKWMDGWETRKRIPGHDWCVLRLLGIQG
VIRGFDVDVSYFTGDYAPRVSIQAANLEEDKLPEIPERGTRTGAAATPEEFEAIAELKSDDWSYLVPMTE
LKPGNPASGHNYFLVNSQQRWTHIRLNIFPDGGIARLRVFGTGQKDWATDTPKEPADLVAIAFGGVCVGF
SNAKFGHPNNIIGVGGAKSMADGWETARRLDPRPILENDENGILLVPGCEWAVFRLAHPGVITRIEIDTK
YFEGNAPDSCKVDGCILTTQEEEAVIRQKWILPAHKWKPLLPVTKLSPNQSHLFDLSLTLELQDVITHARL
TIVPDGGVSRLRLRGFPSSICLLRPREKPMKFSVSFKANP

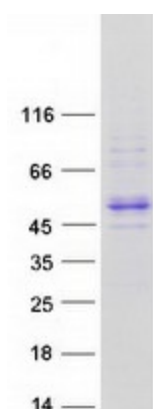
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	43.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_060906</u>
Locus ID:	55821



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UniProt ID:	<u>Q8N6M5</u> , <u>B4DY77</u>
RefSeq Size:	1443
Cytogenetics:	2p25.3
RefSeq ORF:	1173
Synonyms:	ALC
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]).