

Product datasheet for PH300412

AK6 (NM_016283) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TAF9 MS Standard C13 and N15-labeled recombinant protein (NP_057367)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200412
Predicted MW:	20.1 kDa
Protein Sequence:	>RC200412 protein sequence Red=Cloning site Green=Tags(s) MLLPNILLTGTPGVGKTTLGKELASKSGLKYINVGDAREEQLYDGYDEEYDCPIILDEDRVVDELDNQMR EGGVIVDYHGCDFFPERWFHIVFLRDTNVL YERLETRGYNEKKLTDNIQCEIFQVLYEEATASYKEEI VHQLPSNKPEELENVVDQILKWIEQWIKDHNS 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_057367
RefSeq Size:	962
RefSeq ORF:	516
Synonyms:	AD-004; CGI-137; CINAP; CIP; hCINAP
Locus ID:	102157402
UniProt ID:	Q9Y3D8

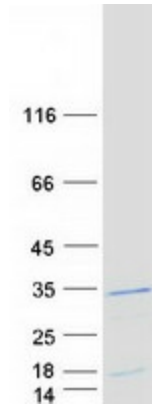


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Cytogenetics: 5q13.2

Summary: This gene encodes a protein that belongs to the adenylate kinase family of enzymes. The protein has a nuclear localization and contains Walker A (P-loop) and Walker B motifs and a metal-coordinating residue. The protein may be involved in regulation of Cajal body formation. In human, AK6 and TAF9 (GeneID: 6880) are two distinct genes that share 5' exons. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Product images:



Coomassie blue staining of purified AK6 protein (Cat# [TP300412]). The protein was produced from HEK293T cells transfected with AK6 cDNA clone (Cat# [RC200412]) using MegaTran 2.0 (Cat# [TT210002]).