

# Recombinant Human AK3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** AK3-3921H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	AK3 MS Standard C13 and N15-labeled recombinant protein (NP_057366) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The protein encoded by this gene is a GTP:ATP phosphotransferase that is found in the mitochondrial matrix. Several transcript variants encoding a few different isoforms have been found for this gene.
<b>Molecular Mass</b>	25.6 kDa
<b>AA Sequence</b>	MGASARLLRAVIMGAPGSGKGTVSSRITTHFELKHLSSGDLLRDNMLRGTEIGVLAK AFIDQGKLI PDDVMTRLALHELKNLTQYSWLLDGF PRTL PQA EALDRAYQIDTVINLN VPFEVIKQRLTARWIHPASGRVYNIEFNPPKTVGIDDLTGEPLIQREDDKPETVIKRLK AYEDQTKPVLEYYQKKGVLETFSGTETNKIWPYVYAFLQTKVPQRSQKASVTPTRT RPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.

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<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	AK3 adenylate kinase 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	AK3
<b>Synonyms</b>	AK3; adenylate kinase 3; adenylate kinase 3 like 1, adenylate kinase 6, AK3L1, AK6; GTP:AMP phosphotransferase, mitochondrial; AKL3L1; adenylate kinase 3 alpha-like 1; adenylate kinase 6, adenylate kinase 3 like 1; AK6; FIX; AK3L1; AKL3L;
<b>Gene ID</b>	50808
<b>mRNA Refseq</b>	NM_016282
<b>Protein Refseq</b>	NP_057366
<b>MIM</b>	609290
<b>UniProt ID</b>	Q9UIJ7

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