

Recombinant Human AK9 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. AK9-118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AKD1 MS Standard C13 and N15-labeled recombinant protein (NP_659462) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene catalyzes the interconversion of nucleosides, possessing both nucleoside monophosphate and diphosphate kinase activities. The encoded protein uses these interconversions to maintain nucleoside homeostasis.
Molecular Mass	48.5 kDa
AA Sequence	MTSQEKTEEYPFADIFDEDETERNFLLSKPVCVVFVGKPGVGKTTLARYITQAWKCI RVEALPILEEQIAAETESGVMLQSMLISGQSIPDELVIKLMLEKLNspevchFGYIITEIP SLSQDAMTTLQQIELIKNLNLKPDVIINIKCPDYDLCQRISGQRQHNNNTGYIYSRDQW DPEVIENHRKKKKKEAQKDGKGEEEEEEEEQEEEEAFIAEMQMVAEILHHLVQRPED YLENVENIVKLYKETILQTLEEVMAEHNPPQYLIELNGNKPAAELFMIVMDRLKYLNLKR AAILTKLQGAEIEINDTMENDELFRTLASYKLIAPRYRWQRSKWGRTCPVNLKDGN YSGLPDYSVSFLGKIYCLSSSEALKPFLNRPYLLPPMPGPPCKVFILGPQYSGKTT LCNMLAENYKGKVTNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

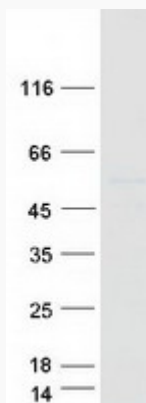
GENE INFORMATION

Gene Name	AK9 adenylate kinase 9 [Homo sapiens (human)]
Official Symbol	AK9
Synonyms	AK9; adenylate kinase 9; AK 9; AKD1; AKD2; C6orf199; C6orf224; dJ70A9.1; adenylate kinase 9; adenylate kinase domain containing 1; adenylate kinase domain containing 2; EC 2.7.4.4; EC 2.7.4.6
Gene ID	221264
mRNA Refseq	NM_145025
Protein Refseq	NP_659462
MIM	615358
UniProt ID	Q5TCS8

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SDS-PAGE

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