

Recombinant Full Length Human AK9 Protein, GST-tagged

Cat. No. AK9-2700HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AK9 full-length ORF (AAH22031, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	421 amino acids
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. [provided by RefSeq, Jul 2016]
Molecular Mass	72.05 kDa
AA Sequence	MTSQEKTEEYPPFADIFDEDETERNFLLSKPVCFVFGKPGVGKTTLARYITQAWKCI RVEALPILEEQIAAETESGVMLQSMISGQSIPDELVIKLMLEKLN SPEVCHFGYIITEIP SLSQDAMTTLQQIELIKNLNLKPDVIINIKCPDYDLCQRISGQRQHNNNTGYIYSRDQW DPEVIENHRKKKKEAQKDGKGEEEEEEEEEQEEEEAFIAEMQMVAEILHHLVQRPED YLENVENIVKLYKETILQTLEEVMAEHNPPQYLIELNGNKPAAELFMIVMDRLKYLNLKR AAILTKLQGAEEEEINDTMENDELFRTLASYKLIAPRYRWQRSKWGRTCPVNLKDGNI YSGLPDYSVSFLGKIYCLSSEEALKPFLNPRPYLLPPMPGPPCKVFILGPQYSGKTT LCNMLAENYKKGKVTN

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AK9 adenylate kinase 9 [Homo sapiens (human)]
Official Symbol	AK9
Synonyms	AK9; adenylate kinase 9; C6ORF199; chromosome 6 open reading frame 199; MGC26954; 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_001145128
Protein Refseq	NP_001138600
MIM	615358
UniProt ID	Q5TCS8

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