

Recombinant Human AK1 protein, GST-tagged

Cat. No. AK1-9511H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AK1 protein(1-194 aa), fused with N-terminal GST tag, was expressed in E. coli.
Source	E.coli
ProteinLength	1-194 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
AA Sequence	MEEKLKKTNIIFFVGGPGSGKGTQCEKIVQKYGYTHLSTGDLLRSEVSSGSARGKKL SEIMEKGQLVPLETVLDMLRDAMVAKVNTSKGFLIDGYPREVQQGEEFERRIGQPTL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



LLYVDAGPETMTQRLLKRGETSGRVDDNEETIKKRLETTYKATEPVIAFYEKRGIVRK
VNAEGSVDSVFSQVCTHLDALK

GENE INFORMATION

Gene Name	AK1 adenylate kinase 1 [Homo sapiens]
Official Symbol	AK1
Synonyms	AK1; adenylate kinase 1; adenylate kinase isoenzyme 1; AK 1; myokinase; ATP-AMP transphosphorylase 1;
Gene ID	203
mRNA Refseq	NM_000476
Protein Refseq	NP_000467
MIM	103000
UniProt ID	P00568

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SDS-PAGE



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