

## Recombinant Human AK1 protein, His-tagged

Cat. No. AK1-1344H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AK1 protein(AAH01116.1)(Met1-Lys194), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Lys194
<b>Form</b>	Supplied as sterile PBS, 10% glycerol, pH 7.5Please contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant human AK1 consisting of 209 amino acids and has a calculated molecular mass of 23.5 kDa. It migrates as an approximately 25 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

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

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