

Recombinant Human AK1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AK1 protein(AAH01116.1) (Met 1-Lys 194) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-194 aa
Form	Lyophilized from sterile PBS, 10% glycerol, pH 7.5.
Molecular Mass	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.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

GENE INFORMATION

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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
SDS-PAGE	