

## Recombinant Human AK3 protein, His-tagged

**Cat. No.** AK3-9513H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AK3 protein(1-227 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-227 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>AA Sequence</b>	MGASARLLRAVIMGAPGSGKGTVSSRITTHFELKHLSSGDLLRDNMLRGTEIGVLAK AFIDQGKLIPDDVMTRLALHELKNLTQYSWLLDGFPR TLPQAEALDRAYQIDTVINLN

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VPFEVIKQRLTARWIHPASGRVYNIEFNPPKTVGIDDLTGEPLIQREDDKPETVIKRLK  
AYEDQTKPVLEYYQKKGVLTFSGTETNKIWPYVYAFLQTKVPQRSQKASVTP

## GENE INFORMATION

**Gene Name** [AK3 adenylate kinase 3 \[ Homo sapiens \]](#)

**Official Symbol** [AK3](#)

**Synonyms** [AK3](#); adenylate kinase 3; adenylate kinase 3 like 1 , adenylate kinase 6 , [AK3L1](#), [AK6](#); GTP:AMP phosphotransferase, mitochondrial; [AKL3L1](#); adenylate kinase 3 alpha-like 1; adenylate kinase 6, adenylate kinase 3 like 1; [AK6](#); [FIX](#); [AK3L1](#); [AKL3L](#);

**Gene ID** [50808](#)

**mRNA Refseq** [NM\\_001199852](#)

**Protein Refseq** [NP\\_001186781](#)

**MIM** [609290](#)

**UniProt ID** [Q9UIJ7](#)

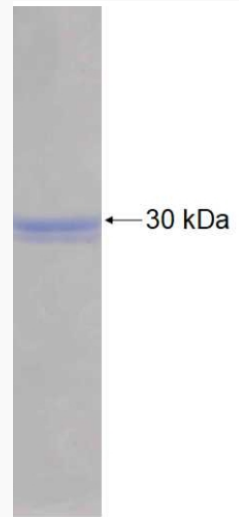
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SDS-PAGE



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