

Recombinant Human AK3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AK3 protein(1-227 aa), fused with N-terminal His tag, was expressed in E. coli.
Source	E.coli
ProteinLength	1-227 aa
Tag	N-His
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	85%, 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	MGASARLLRAVIMGAPGSGKGTVSSRITTHFELKHLSSGDLLRDNMLRGTEIGVLAK AFIDQGKLIPDDVMTRLALHELKNLTQYSWLLDGFPRTPQAEALDRAYQIDTVINLN

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VPFEVIKQRLTARWIHPASGRVYNIEFNPPKTVGIDDLTGEPLIQREDDKPETVIKRLK
 AYEDQTKPVLEYQKKGVLTFSGTETNKIWPYVYAFLQTKVPQRSQKASVTP

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](#)

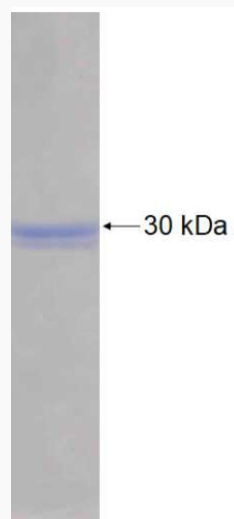
MIM [609290](#)

UniProt ID [Q9UIJ7](#)

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SDS-PAGE

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