

Recombinant Human AK3 protein, GST-tagged

Cat. No. AK3-301589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AK3 (1-227 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Pro227
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MGASARLLRAVIMGAPGSGKGTVSSRITTHFELKHLSSGDLLRDNMLRGTEIGVLAK AFIDQGKLIIPDDVMTRLALHELKNLTQYSWLLDGFRTLPQAEALDRAYQIDTVINLN VPFEVIKQRLTARWIHPASGRVYNIEFNPPKTVGIDDLTGEPLIQREDDKPETVIKRLK AYEDQTKPVLEYQKKGVLTFSGTETNKIWPYVYAFLQTKVPQRSQKASVTP
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

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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