

Recombinant Human AK2 protein, GST-tagged

Cat. No. AK2-2501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AK2 protein(P54819)(1-239aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-239aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	53.5 kDa
AA Sequence	MAPSVPAAEPEYPKGIRAVLLGPPGAGKGTQAPRLAENFCVCHLATGDMLRAMVAS GSELGKKLKATMDAGKLVSDVMVELIEKNLETPLCKNGFLLDGFPRTVRQAEMLD DLMEKRKEKLDSEVIEFSIPDSLLIRIRITGRLIHPKSGRSYHEEFNPPKEPMKDDITGEP LIRRSDDNEKALKIRLQAYHTQTTPLEYYRKRGIHSAIDASQTPDVVFASILAFAFSKAT CKDLVMFI
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [AK2 adenylate kinase 2 \[Homo sapiens \]](#)

Official Symbol [AK2](#)

Synonyms AK2; adenylate kinase 2; adenylate kinase 2, mitochondrial; ATP-AMP transphosphorylase 2; adenylate kinase isoenzyme 2, mitochondrial; ADK2; AK 2;

Gene ID [204](#)

mRNA Refseq [NM_001199199](#)

Protein Refseq [NP_001186128](#)

MIM [103020](#)

UniProt ID [P54819](#)

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