

## Recombinant Human AK2 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AK2 protein(P54819)(1-239aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-239aa
<b>Form</b>	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.
<b>Molecular Mass</b>	53.5 kDa
<b>AA Sequence</b>	MAPSVPAAEPEYPKGIRAVLLGPPGAGKGTQAPRLAENFCVCHLATGDMLRAMVAS GSELGKCLKATMDAGKLVSDMVELIEKNLETPLCKNGFLLDGFPRTVRQAEMLD DLMEKRKEKLDVIEFSIPDSLLIRIRITGRLIHPKSGRSYHEEFNPPKEPMKDDITGEP LIRRSDNEKALKIRLQAYHTQTTPLEIYYRKRGIHSAIDASQTPDVVFASILAFAFSKAT CKDLVMFI
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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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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