

Recombinant Human AK2 protein, His & GST-tagged

Cat. No. AK2-1345H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AK2 protein(P54819-1) (Met 1-Ile 239) was expressed in Insect Cells, fused with the N-terminal His tag and GST tag.
Species	Human
Source	Insect Cells
ProteinLength	1-239 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly, 3mM DTT.
Molecular Mass	The recombinant human AK2/GST chimera consists of 476 amino acids and has a calculated molecular mass of 54.3 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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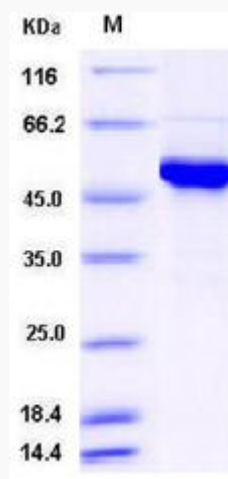
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 45-1 Ramsey Road, Shirley, NY 11967, USA

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

SDS-PAGE



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