

Recombinant Human AK2, His & GST tagged

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

SPECIFICATION

Product Overview	Recombinant Human AK2 (P54819-1) isoform 1 (Met 1-Ile 239), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-239 a.a.
Form	Lyophilized from 0.2µm filtered solution of 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.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name AK2 adenylate kinase 2 [Homo sapiens]

Official Symbol AK2

Gene ID 204

mRNA Refseq NM_001199199

Protein Refseq NP_001186128

MIM 103020

UniProt ID P54819

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