

Recombinant Human AK4 protein(Ala2-Tyr223), His&GST-tagged

Cat. No. AK4-3973H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AK4 (P27144-1) (Ala 2-Tyr 223) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Ala2-Tyr223
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0.
Molecular Mass	The recombinant human AK4/GST chimera consists of 460 amino acids and has a calculated molecular mass of 53 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	Please refer to the hard copy of CoA.

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GENE INFORMATION

Gene Name	AK4 adenylate kinase 4 [Homo sapiens]
Official Symbol	AK4
Synonyms	AK4; adenylate kinase 4; adenylate kinase 3 , adenylate kinase 3 like 1 , AK3, AK3L1; adenylate kinase isoenzyme 4, mitochondrial; adenylate kinase 3-like 1; ATP-AMP transphosphorylase; GTP:AMP phosphotransferase; mitochondrial adenylate kinase-3; nucleoside-triphosphate-adenylate kinase; AK3; AK3L1; AK3L2; MGC166959;
Gene ID	205
mRNA Refseq	NM_001005353
Protein Refseq	NP_001005353
MIM	103030
UniProt ID	P27144

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