

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

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Ala2-Tyr223
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 94 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	Please refer to the hard copy of CoA.

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## GENE INFORMATION

<b>Gene Name</b>	AK4 adenylate kinase 4 [ Homo sapiens ]
<b>Official Symbol</b>	AK4
<b>Synonyms</b>	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;
<b>Gene ID</b>	205
<b>mRNA Refseq</b>	NM_001005353
<b>Protein Refseq</b>	NP_001005353
<b>MIM</b>	103030
<b>UniProt ID</b>	P27144

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