

Recombinant Human ADK Protein, MYC/DDK-tagged

Cat. No. ADK-1366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ADK protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene an enzyme which catalyzes the transfer of the gamma-phosphate from ATP to adenosine, thereby serving as a regulator of concentrations of both extracellular adenosine and intracellular adenine nucleotides. Adenosine has widespread effects on the cardiovascular, nervous, respiratory, and immune systems and inhibitors of the enzyme could play an important pharmacological role in increasing intravascular adenosine concentrations and acting as anti-inflammatory agents. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	38.5 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	ADK adenosine kinase [Homo sapiens]
Official Symbol	ADK
Synonyms	AK
Gene ID	132
mRNA Refseq	NM_001123
Protein Refseq	NP_001114
MIM	102750
UniProt ID	P55263

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