

Recombinant Mouse Adk Protein, MYC/DDK-tagged

Cat. No. Adk-544M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse adenosine kinase (Adk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	ATP dependent phosphorylation of adenosine and other related nucleoside analogs to monophosphate derivatives. Serves as a potential regulator of concentrations of extracellular adenosine and intracellular adenine nucleotides.
Molecular Mass	40.6 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Adk adenosine kinase [Mus musculus (house mouse)]
Official Symbol	Adk
Synonyms	Adk ; adenosine kinase ; Ak ; AI255373 ; AI987814 ; 2310026J05Rik ; 5033405D03Rik ; adenosine kinase ; adenosine 5'-phosphotransferase ; EC 2.7.1.20
Gene ID	11534
mRNA Refseq	NM_134079
Protein Refseq	NP_598840
UniProt ID	P55264

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