Creative Enzymes®

Adenosine Kinase from Human, Recombinant

Cat. No. NATE-1740

Lot. No. (See product label)

Introduction

Description	E.coli
Applications	Human adenosine kinase is an active and purified, 345-aa short form ADK protein (39kDa) cloned by RT-PCR amplification of mRNA extracted from human hepatoma cells and expressed in E.coli. The sequence of the cloned ADK (GenBank accession number U50196) was confirmed by DNA sequencing (100% identity).
Synonyms	ADK

Product Information

Species	ADK
Source	Human
EC Number	EC 2.7.1.20
CAS No.	9027-72-9
Molecular Weight	39kDa
Activity	≥ 0.200 unit/mg protein
Unit Definition	One unit of adenosine kinase converts 1.0 μmole of inosine and ATP to IMP and ADP per minute at pH 8 at 37°C, as measured by a coupled IMPDH enzyme system.

Usage and Packaging

Package	stable lyophilized form