

AK2 抗原（重组蛋白）

中文名称：AK2 抗原（重组蛋白）

英文名称：AK2 Antigen (Recombinant Protein)

别名：ADK2; AK 2

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 2-203 amino acids of human AK2

技术规格：

Full name:	adenylate kinase 2
Synonyms:	ADK2; AK 2
Swissprot:	P54819
Gene Accession:	BC009405
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Three isozymes of adenylate kinase, namely 1, 2, and 3, have been identified in vertebrates; this gene encodes isozyme 2. Expression of these isozymes is tissue-specific and developmentally regulated. Isozyme 2 is localized in the mitochondrial intermembrane space and may play a role in apoptosis. Mutations in this gene are the cause of reticular dysgenesis. Alternate splicing results in multiple transcript variants.

Pseudogenes of this gene are found on chromosomes 1 and 2.