

HK1 抗原（重组蛋白）

中文名称：HK1 抗原（重组蛋白）

英文名称：HK1 Antigen (Recombinant Protein)

别名：HKD; HKI; HXK1; HMSNR; HK1-ta; HK1-tb; HK1-tc

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 320-481 amino acids of human HK1

技术规格：

Full name:	hexokinase 1
Synonyms:	HKD; HKI; HXK1; HMSNR; HK1-ta; HK1-tb; HK1-tc
Swissprot:	P19367
Gene Accession:	BC008730
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in five transcript variants which encode different isoforms, some of which

are tissue-specific. Each isoform has a distinct N-terminus; the remainder of the protein is identical among all the isoforms.