

Datasheet for ABIN935075

Ketohexokinase Protein (KHK) (AA 1-298)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Ketohexokinase (KHK)
Protein Characteristics:	AA 1-298
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MEEKQILCVG LVVLDVISLV DKYPKEDSEI RCLSQRWQRG GNASNSCTIL SLLGAPCAFM GSMAPGHVAD FVLDDLRRYS VDLRYTVFQT TGSVPIATVI INEASGSRTI LYYDRSLPDV SATDFEKVDL TQFKWIIHIEG RNASEQVKML QRIDAHNTRQ PPEQKIRVSV EVEKPREELF QLFGYGDVVF VSKDVAKHLG FQSAAEALRG LYGRVVRKGAV LVCAWAEEGA DALGPDGKLL HSDAFPPPRV VDTLGAGDTF NASVIFLSLQ GRSVQEALRF GCQVAGKKCG LQGFDGIV
Characteristics:	Purified recombinant Human Ketohexokinase protein Expression System: E.coli
Purity:	> 90 % pure

Target Details

Target:	Ketohexokinase (KHK)
Alternative Name:	Ketohexokinase (KHK Products)

Target Details

Background: Ketohexokinase is an enzyme that catalyzes the phosphorylation of fructose to produce fructose-1-phosphate, leading to consumption of ATP, formation of AMP. This protein initiates first step in the metabolism of dietary fructose and is an important regulator of hepatic glucose metabolism. It is highly found in liver, renal cortex, and small intestine. Its deficiency causes the benign hereditary metabolic disorder essential fructosuria, leading to fructose being excreted in the urine. Recombinant human Ketohexokinase was expressed in E. coli and purified by using conventional chromatography.

Alternative Names: Hepatic fructokinase protein, EC 2.7.1.3 protein, KHK protein, , Hepatic fructokinase protein, ketohexokinase protein, Ketohexokinase isoform a protein

Molecular Weight: 32.7 kDa (298 AA)

Application Details

Application Notes: Ketohexokinase protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

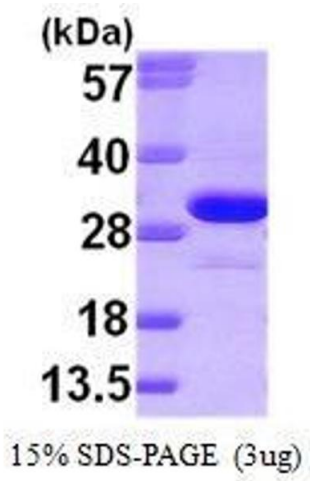
Concentration: 1 mg/mL

Buffer: Supplied as a liquid in PBS, pH 7.4, containing 10 % glycerol.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.