

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Ketohexokinase, 1-298aa, Human, E.coli

产品货号: TP02723

第三版

别名:KHK, Hepatic fructokinase

描述: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

配方:Liquid. In Phosphate-Buffered Saline (pH 7.4) containing 10% Glycerol

分子量:32.7 kDa (298aa)

序列:

MEEKQILCVGLVVLDDVISLVDKYPKEDSEIRCLSQRWQRGGNASNSCTILSLLGAPCAFMGSMAPGHVADFVLDLRRYS
VDLRYTVFQTTGSPVIATVIINEASGSRITLYYDRSLPDVSATDFEKVDLTQFKWIIHIEGRNASEQVKMLQRIDAHNTRQPP
EQKIRVSVEVEKPREELFQLFGYGDVVVFVSKDVAKHLGFQSAEEALRGLYGRVVRKGAVLVCAWAEEGADALGPDGKLLH
SDAFPPPRVVDTLGAGDTFNASVIFLSQGRSVQEALRFGCQVAGKKCGLQGFDGIV

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.