Recombinant Human KHK, MYC/DDK-tagged

Cat. No. KHK-492H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KHK, transcript variant b, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes ketohexokinase that catalyzes conversion of fructose to fructose-1-phosphate. The product of this gene is the first enzyme with a specialized pathway that catabolizes dietary fructose. Alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Mass	32.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	KHK ketohexokinase (fructokinase) [Homo sapiens (human)]
Official Symbol	KHK

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Synonyms	KHK; ketohexokinase (fructokinase); ketohexokinase; EC 2.7.1.3; ketohexokinase; Hepatic fructokinase
Gene ID	3795
mRNA Refseq	NM_006488
Protein Refseq	NP_006479
MIM	229800
UniProt ID	P50053
Chromosome Location	2p23.3
Pathway	Fructose and mannose metabolism; Metabolic pathways; Metabolism of carbohydrates
Function	ATP binding; ketohexokinase activity

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