

Recombinant Human KHK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KHK-1671H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KHK MS Standard C13 and N15-labeled recombinant protein (NP_006479) with a C-terminal MYC/DDK tag, 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
AA Sequence	MEEKQILCVGLVVLDVISLVDKYPKEDSEIRCLSQRWQRGGNASNSCTVLSLLGAPC AFMGSMAPGHVADFLVADFRRRGVDVSQVAWQSKGDTSSCCIINNSNGNRTIVLH DTSLPDVSATDFEKVDLTQFKWIIHIEGRNASEQVKMLQRIDAHNTRQPPEQKIRVSV EVEKPREELFQLFGYGDVVFVSKDVAKHLGFQSAEEALRGLYGRVRKGAVLVCAW AEEGADALGPDGKLLHSDAFPPPRVVDTLGAGDTFNASVIFSLSQGRSVQEALRFG CQVAGKKCGLQGFDGIVSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name KHK ketohexokinase [Homo sapiens (human)]

Official Symbol KHK

Synonyms KHK; ketohexokinase (fructokinase); ketohexokinase; hepatic fructokinase;

Gene ID 3795

mRNA Refseq NM_006488

Protein Refseq NP_006479

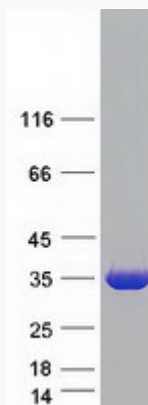
MIM 614058

UniProt ID P50053

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SDS-PAGE

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