



[Go to Product page](#)

Datasheet for ABIN7318703  
**Ketohexokinase Protein (KHK) (His tag)**

### Overview

Quantity:	50 µg
Target:	Ketohexokinase (KHK)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ketohexokinase protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Ketohexokinase/KHK Protein (His Tag)
Sequence:	Met 1-Val298
Characteristics:	Recombinant Human Ketohexokinase is produced by our Mammalian expression system and the target gene encoding Met1-Val298 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	Ketohexokinase (KHK)
Alternative Name:	Ketohexokinase/KHK ( <a href="#">KHK Products</a> )
Background:	Background: Ketohexokinase, also known as Hepatic fructokinase, is a member of the carbohydrate kinase PfkB family. It exists as a homodimer and most abundant in liver, kidney, gut, spleen and pancreas. Low levels also found in adrenal, muscle, brain and eye. This enzyme

## Target Details

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catalyzes conversion of fructose to fructose-1-phosphate. It is the first enzyme with a specialized pathway that catabolizes dietary fructose. Defects in KHK are the cause of fructosuria.

Synonym: Kethexokinase, Hepatic fructokinase,KHK

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Molecular Weight: 33.7 kDa

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UniProt: [P50053](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Frozen, Liquid

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Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl,50nM KCl,10 % Glycerol, pH 7.4.

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Storage: -20 °C

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Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

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