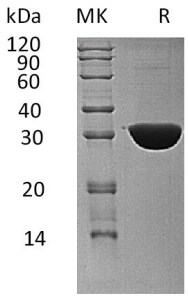
Product Name: Recombinant Human KHK (C-6His)
Catalog #: PHH1045

Summary

Name	Ketohexokinase/KHK
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	AAH06233.1
Host	Human Cells
Species	Human
Predicted Molecular Mass	33.7 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 50nM KCl, 10% Glycerol, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Ketohexokinase; Hepatic fructokinase; KHK
Background	Ketohexokinase, also known as Hepatic fructokinase, is a member of the carbohydrate kinase PfkB family. It exits 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 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.

Note

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