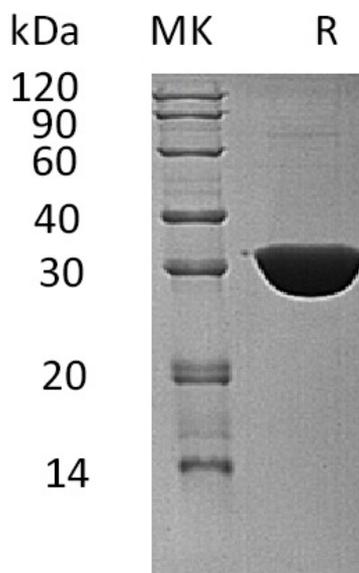


Summary

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, 50mM 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



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



Alternative Names

Ketohexokinase; Hepatic fructokinase; KHK

Background

Ketohexokinase, also known as Hepatic fructokinase, is a member of the carbohydrate kinase PfkB family. It exists as a homodimer and is most abundant in liver, kidney, gut, spleen and pancreas. Low levels are also found in adrenal, muscle, brain and eye. This enzyme catalyzes the conversion of fructose to fructose-1-phosphate. It is the first enzyme in a specialized pathway that catabolizes dietary fructose. Defects in KHK are the cause of fructosuria.

Note

For Research Use Only , Not for Diagnostic Use.