

## Product datasheet for **TP721095L**

### **ketohexokinase (KHK) (NM\_000221) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human ketohexokinase (fructokinase) (KHK), transcript variant a
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Val298
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	33.7 kDa
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_000212</a>
<b>Locus ID:</b>	3795
<b>UniProt ID:</b>	<a href="#">P50053</a> , <a href="#">A0A140VJM6</a>
<b>RefSeq Size:</b>	2433
<b>Cytogenetics:</b>	2p23.3
<b>RefSeq ORF:</b>	894
<b>Summary:</b>	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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Fructose and mannose metabolism, Metabolic pathways



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