

Product datasheet for **TP721095**

ketohexokinase (KHK) (NM_000221) Human Recombinant Protein

Product data:

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



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