

Product datasheet for TP323488

ketohexokinase (KHK) (NM_006488) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human ketohexokinase (fructokinase) (KHK), transcript variant b, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC223488 representing NM_006488 Red =Cloning site Green =Tags(s) |

MEEKQILCVGLWLDVISLVDKYPKEDSEIRCLSQRWQRGGNASNSCTVLSLLGAPCAFMGSMAPGHVAD
FLVADFRRRGVDVSQVAWQSKGDT PSSCCIINNSNGNRTIVLHDTSLPDVSATDFEKVDLTQFKWIHIEG
RNASEQVKMLQRIDAHNTRQPPEQKIRVSVEVEKPREELFQLFGYGDVWFVSKDVAKHLGFQSAEEALRG
LYGRVRKGAVLVCAWAEEGADALGPDGKLLHSDAFPPRVDTLGAGDTFNASVIFLSQGRSVQEALRF
GCQVAGKKCGLQGF DGIV

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 32.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_006479</u> |
| Locus ID: | 3795 |



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UniProt ID: [P50053](#)

RefSeq Size: 1899

Cytogenetics: 2p23.3

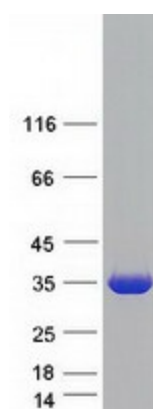
RefSeq ORF: 894

Summary: This gene encodes ketoheokinase 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

Product images:



Coomassie blue staining of purified KHK protein (Cat# TP323488). The protein was produced from HEK293T cells transfected with KHK cDNA clone (Cat# [RC223488]) using MegaTran 2.0 (Cat# [TT210002]).