

## Recombinant Human KHK Protein

Catalog #	Source	Reactivity	Applications
CRP1846	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human KHK Protein is produced by our mammalian expression system and the target gene encoding Met1-Val298 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 50nM KCl, 10% Glycerol, pH 7.4.		
<b>Gene Symbol</b>	KHK		
<b>Alternative Names</b>	Ketoheokinase; Hepatic fructokinase		
<b>Entrez Gene</b>	3795 (Human)		
<b>SwissProt</b>	P50053 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MEEKQILCVG LVVLDVISLV DKYPKEDSEI RCLSQRWQRG GNASNSCTIL SLLGAPCAFM            GSMAPGHVAD FVLDDLRRYS VDLRYTVFQT TGSVPIATVI INEASGSRTI LYYDRSLPDV            SATDFEKVDL TQFKWIHIEG RNASEQVKML QRIDAHNTRQ PPEQKIRVSV EVEKPREELF            QLFGYGDVVF VSKDVAKHLG FQSAEEALRG LYGRVRKGAV LVCAWAEEGA DALGPDGKLL            HSDAFPPPRV VDTLGAGDTF NASVIFLSLQ GRSVQEALRF GCQVAGKKCG LQGF DGIVVD            HHHHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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