

Recombinant Human GCK protein

Cat. No. GCK-887H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GCK protein(NP_000153.1) (Leu 2-Gln 465) was expressed in E. coli, fused with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	E. coli
ProteinLength	2-465 aa
Form	Supplied as sterile 20mM Tris, 10% Glycerol, pH 8.0.
Molecular Mass	The recombinant human GCK isoform 1 consists of 466 amino acids and predicts a molecular mass of 52.2 kDa as estimated in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.2 ug/ul
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000153.1

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Unit ID	P35557
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Unit ID-Weblink	https://www.uniprot.org/uniprotkb/P35557
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GENE INFORMATION

Gene Name	GCK glucokinase (hexokinase 4) [Homo sapiens]
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Official Symbol	GCK
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Synonyms	GCK; glucokinase (hexokinase 4); maturity onset diabetes of the young 2, MODY2; glucokinase; HK4; HK IV; hexokinase-4; hexokinase-D; hexokinase type IV; hexokinase D, pancreatic isozyme; ATP:D-hexose 6-phosphotransferase; GK; GLK; HHF3; HKIV; HXKP; LGLK; MODY2; FGQTL3;
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Gene ID	2645
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mRNA Refseq	NM_000162
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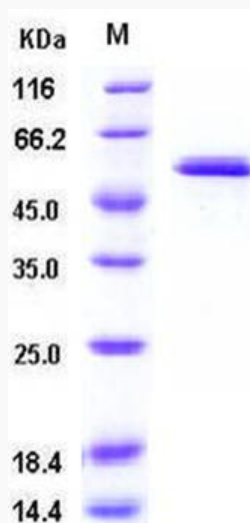
protein Refseq	NP_000153
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MIM	138079
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SDS-PAGE

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