

Recombinant Human GCKR Protein, MYC/DDK-tagged

Cat. No. GCKR-660H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GCKR fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a protein belonging to the GCKR subfamily of the SIS (Sugar ISomerase) family of proteins. The gene product is a regulatory protein that inhibits glucokinase in liver and pancreatic islet cells by binding non-covalently to form an inactive complex with the enzyme. This gene is considered a susceptibility gene candidate for a form of maturity-onset diabetes of the young (MODY).
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	68.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	GCKR glucokinase (hexokinase 4) regulator [Homo sapiens]
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Official Symbol	GCKR
Synonyms	GCKR; glucokinase (hexokinase 4) regulator; glucokinase (hexokinase 4) regulatory protein; glucokinase regulatory protein; GKRP; FGQTL5;
Gene ID	2646
mRNA Refseq	NM_001486
Protein Refseq	NP_001477
MIM	600842
UniProt ID	Q14397

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