

GCK-glucokinase (hexokinase 4) Gene

Reference: PTXBC001890

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	FGQTL3; GLK; HHF3; HK4; HKIV; HXKP; LGLK; MODY2; ATP:D-hexose 6-phosphotransferase; HK IV; glucokinase (hexokinase 4); hexokinase D, pancreatic isozyme; hexokinase type IV		

For research use only.

GENE DESCRIPTION	glucokinase (hexokinase 4)
GENE ID	2645
ORIGIN SPECIES	Human
ACCESSIONS	BC001890
VECTOR	pDONR223
NCBI SYMBOL	GCK
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF (Only for reference, product provided without STOP codon)

atgctggacgacagagccaggatggaggccgcaagaaggagaaggtagagcagatctggcagagttccagctgcaggaggaggacgtgaagaaggtgatgagacggatgcagaaggagatggaccgcccctgaggctggagaccatgaagaggcagtgtaagatgctgcccacctacgtgcgtccaccagaggctcagaagtcggggacttctctccctggacgtgggtggcactaactcagggtgatgctggtgaaggtgggagaaggtgaggaggggcagtgagcgtgaagaccaaaccagatgtactccatccccgaggacgcatgacggcactgctgagatgctcttcgactacatctctgagtgcatctccgacttctggacaagcatcagatgaacacacaagaagctgcccctgggcttcacttctcttctctgtagggcacgaagacatcgataaggccatcttcaactggaccaagggttcaaggcctcaggagcagaaggacaatgtcgtgggcttctgcgagacgctatcaacggagaggggacttgaatggatgtggtggcaatgtggaatgacacggtggccacatgatctctgctactacgaagaccatcagtcgaggtcggcagtgatcgtggcacgggctgcaatgcctgctacatggaggagatgcagaatgtggagctgggtggaggggagcaggccgcatgtgctcaataccgagtgggggccttcggggactccggagctggagcaggttctgctgagatgacgcctgggtggacgagagctctgcaacccccggtcagcagctgtatgagaagctcatagtgggcaagtacatggcgagctgggtgctgctcaggctcgtggacaaaactgctcttccacggggaggccctccgagcagctgcgcacacgcggagcccttcgagacgcgttctgctgcagggtggagagcgacacggcgaccgcaagcagatctacaacatctgagcagctggggctgcgacctcgaccaccgactgcgacatctgctgcgcgcctgcgagagcgtgtctacgcgcgtgcgcacatgtgctcggcgggctggcgggctcatcaaccgcatgcgcgagagccgcagcagggacgtaatgcgcatcactgtgggcgtggatggctcgtgtacaagctgcacccagctcaaggagcgttccatgccagcgtgcgcaggctgaagccagctgcgagatcaccttcatcagtgctggaggaggcagtgccggggcgccctggtctcggcggtggcctgtaagaaggcctgtatgctggccagtga