

## Product datasheet for **SC203128**

### GCKR (NM\_001486) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	GCKR (NM_001486) Human 3' UTR Clone
Symbol:	GCKR
Synonyms:	FGQTL5; GGRP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001486
Insert Size:	275 bp
Insert Sequence:	>SC203128 3'UTR clone of NM_001486 The sequence shown below is from the reference sequence of NM_001486. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> CTCGAGATCCTAGAGCCTGACGTTCA <b>TGA</b> ACCCATGTTTCTGGGTGGGTGAAAGGGGCCCAACCCTGC CCACTTCAGCCCAGCCCAGCCCAAGGGGACTTGTGCCAGCAGAACATGTGGGAGGAAGAAGCCCCGTTTC CAGGGCATCCGCAGCCCAGGGTAGGGAGAAATATTCTCTCCACTTGGGGGAGAGTCTTGCTCTCGAC CTAGTGGTTTCTACTCTACCGACTTATTCTGATTTTCAGAAATAAAATGAAATGTCTTATTTGGAAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_001486.4</a></u>



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**Summary:** 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). [provided by RefSeq, Jul 2008]

**Locus ID:** 2646

**MW:** 10