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Product datasheet for SC205069

G6PC3 (NM_138387) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	G6PC3 (NM_138387) Human 3' UTR Clone
Symbol:	G6PC3
Synonyms:	SCN4; UGRP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_138387
Insert Size:	331 bp
Insert Sequence:	>SC205069 3'UTR clone of NM_138387 The sequence shown below is from the reference sequence of NM_138387. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGGAAGCACCGCCCATCCACTCTTCCTGACTTCTTGTGTGCCTCCCTTTCCTTTCCCTCCCACAAAGC CAACACTCTGTGACCACCACACTCCAGGAGGCAGCCCCATCCCCTTCCAGCCCCTAAGTAGGCCCTCCC CTCCCTAAATCTGCTTCCGCACCACCTGGTCTTAGCCCCAAAGATGGGCCTTCTCTCTCCCAGATAAGT TGGTCCTCCCTCTGCCTTTCCTCTCAAGCCCCCAAAGAGCAAAGGCAACAGCAAGACCAGCGGGTTCTT GCAACACTGTGAGGGGCAGCCAGGGCGGCCCCAATAAAGCCCTTGAATACTTTGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-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:	NM_138387.4

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Summary: This gene encodes the catalytic subunit of glucose-6-phosphatase (G6Pase). G6Pase is located in the endoplasmic reticulum (ER) and catalyzes the hydrolysis of glucose-6-phosphate to glucose and phosphate in the last step of the gluconeogenic and glycogenolytic pathways. Mutations in this gene result in autosomal recessive severe congenital neutropenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Locus ID: 92579

MW: 11.5