

Product datasheet for **SC203233**

Guanylate kinase (GUK1) (NM_001159391) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Guanylate kinase (GUK1) (NM_001159391) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GUK1
Synonyms:	GMK
ACCN:	NM_001159391
Insert Size:	284 bp
Insert Sequence:	>SC203233 3'UTR clone of NM_001159391 The sequence shown below is from the reference sequence of NM_001159391. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATCAAGAAAGCTCAAAGGACCGCGCCTGAGGCTTGCTGTCTGTTCTCGGCACCCCGGGCCCATACAGG ACGAGGCAGCAGCATTGAGCCACCCCTTGGCAGGCGATACGGCAGCTCTGTGCCCTTGGCCAGCATG TGGAGTGAGGAGATGCTGCCCTGTGGTTGGAACATCCTGGGGTGACCCCGACCCAGCCTCGCTGGG CTGTCCCCTGTCCCTATCTCTACTCTGGACCCAGGGCTGACATCCTAATAAAATAACTGTTGGATTAG AAACTCCA ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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>NM_001159391.3</u>



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Summary: The protein encoded by this gene is an enzyme that catalyzes the transfer of a phosphate group from ATP to guanosine monophosphate (GMP) to form guanosine diphosphate (GDP). The encoded protein is thought to be a good target for cancer chemotherapy. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2011]

Locus ID: 2987

MW: 9.7