OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC200857

GUCY1A3 (NM_001130686) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GUCY1A3 (NM_001130686) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GUCY1A3
Synonyms:	GC-SA3; GUC1A3; GUCA3; GUCSA3; GUCY1A1
ACCN:	NM_001130686
Insert Size:	145 bp
Insert Sequence:	>SC200857 3'UTR clone of NM_001130686 The sequence shown below is from the reference sequence of NM_001130686. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAAAAATCTTCAAGGGTAAGGAAAACATAATACTATCTTGAATATGAAAGCTATTTCATATTTAAGAGC AAGAAACAAAAGGGTAAAAATATATGCATCACTTCAAATGTTTGATAAAACATATGTAAAACAATGGTA AAAGAAT 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_001130686.1

View online »

Summary: Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Locus ID: 2982

MW: 5.8