

Product datasheet for **SC213433**

GUCY1B1 (NM_000857) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GUCY1B1 (NM_000857) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GUCY1B1
Synonyms:	GC-S-beta-1; GC-SB3; GUC1B3; GUCB3; GUCSB3; GUCY1B3
ACCN:	NM_000857
Insert Size:	1432 bp



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Insert Sequence: >SC213433 3'UTR clone of NM_000857
The sequence shown below is from the reference sequence of NM_000857. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACAGAGGAAACAAGCAGGATGATGACTGAATCTTGGATTATGGGGTGAAGAGGAGTACAGACTAGGTT
CCAGTTTTCTCCTAACACGTGCCAAGCCAGGAGCAGTTCTTCCCTATGGATACAGATTTCTTTTGTC
CTTGTCATTACCCCAAGACTTTCTTCTAGATATATCTCTCACTATCCGTTATTCAACCTTAGCTCTGC
TTTCTATTACTTTTTAGGCTTTAGTATATTATCTAAAGTTTGGCTTTTGGATGTGGATGATGTGAGCTTC
ATGTGTCTTAAATCTACTACAAGCATTACCTAACATGGTGTCTGCAAGTAGTAGGCACCCAATAAAT
ATTTGTTGAATTTAGTTAAATGAACTGAACAGTGTGGCCATGTGTATATTTATATCATGTTTACCA
AATCTGTTTAGTGTCCACATATATGTATATGTATATTTAATGACTATAATGTAATAAAGTTTATATC
ATGTTGGTGTATATCATTATAGAAATCATTCTTAAAGGAGTGAATTCTAAGTTTTAGGGGAAAAAATG
CAATTTATTTTTCAGACTCCCAAAGTAAGAATTAACATATCATGCTAAGAAAATAGTGACTATTTTGAAG
TATGCTACTTCCCTTTCAGAAATATAGAATACACGTTTCTGTTATTAAGTATTTGATTACTAATTCAA
ATCATATGGCAATTATAATTCTTCTAAAATGCTATCATTGTAACTGTATCCCCTGTATTAATCTCAT
TAACCACAGGCAGCTGTTACAGAAAGCTGCATTGTTTCACATTGAGCTGTTACATTAGTTTCCAGGCTAAA
TGTTGGGAGCTCCAACCACATCCAAGAATAAATCTGGAACACACTGCTGGGATACTGCTGTTAGAGCC
CTTCTTGGCCTTGTATTTCCAGAAATGAGCTCCCTTCCCTTAGCTTAGAAGAATGTGATTATATCCAGG
ACATCATGTTTCAGAAACTTAGTTTACTTTCAGCATAGAATGCATTACTGTTGGAATAATTGGCCTCTA
GCTCTTAAATGTCTCTGATAACTTATTAATATCTATCTTTATAAAATAGAGTGCAACTACTTTTGTGTA
AAAATGTTTGCCTTTAAATTTAGTATTTTCATATCAGCACATCGATATATGTATAAATGTTCCATGTTAA
TGTGTAAGAAGAGTCTGTAATAAATTATTTTTTTCACGTGTCTCTATACAGTTTTTATTTCAATAAAAAT
ATTAACATTATTTTTTATTATTAATGCCATTATTTGTAAATACATTTTACAATTTTGCCTATTTGC
TACCATTATAAATTTTCACTGACTCCTCATAGACAGCATATTCTTAAATGCTATATTTCTTTTAAATAC
CAACAGAGTGACAGGAAATAAGACTGGGCATGGAAAGGGGAAACAGTTAAA
ACGCGTAAAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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_000857.5](#)

Summary: This gene encodes the beta subunit of the soluble guanylate cyclase (sGC), which catalyzes the conversion of GTP (guanosine triphosphate) to cGMP (cyclic guanosine monophosphate). The encoded protein contains an HNOX domain, which serves as a receptor for ligands such as nitric oxide, oxygen and nitrovasodilator drugs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Locus ID: 2983

MW: 55.9