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Product datasheet for SC209123

RGS2 (NM_002923) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RGS2 (NM_002923) Human 3' UTR Clone
Symbol:	RGS2
Synonyms:	G0S8
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002923
Insert Size:	709 bp
Insert Sequence:	>SC209123 3'UTR clone of NM_002923 The sequence shown below is from the reference sequence of NM_002923. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAAATCACCACAGAGCCTCATGCTACATGAAATGTAAAAGGGAGCCCAGAAATGGAGGACATTTCATTC TTTTTCCTGAGGGGAAGGACTGTGACCTGCCATAAAGACTGACCTTGAATTCAGCCTGGGTGTTCAGGA AACATCACTCAGAACTATTGATTCAAAGTTGGGTAGTGAATCAGGAAGCCAGTAACTGACTAGGAGAAG CTGGTATCAGAACAGCTTCCCTCACTGTGTACAGAACGCAAGAAGGGAATAGGTGGTCTGAACGTGGTG TCTCACTCTGAAAAGCAGGAATGTAAGATGATGAAAGAGACAATGTAATACTGTTGGTCCAAAAGCATT TAAAATCAATAGATCTGGGATTATGTGGCCTTAGGTAGCTGGTTGTACATCTTTCCCTAAATCGATCCA TGTTACCACATAGTAGTTTTAGTTTAGGATTCAGTAACAGTGAAGTGTTTACTATGTGCAACGGTATTG AAGTTCTTATGACCACAGATCATCAGTACTGTTGTCTCATGTAATGCTAAAACTGAAATGGTCCGTGTT TGCATTGTTAAAAATGATGTGTGAAATAGAATGAGTGCTATGGTGTTGAAAACTGCAGTGTCCGTTATG AGTGCCAAAAATCTGTCTTGAAGGCAGCTACACTTTGAAGTGGTCTTTGAATACTTTTAATAAATTTAT TTTGATAAATAATATTGAA 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).

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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_002923.4
Summary:	Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis. [provided by RefSeq, Aug 2009]
Locus ID:	5997
MW:	26.8