

Product datasheet for **SC108054**

G0S2 (NM_015714) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	G0S2 (NM_015714) Human Untagged Clone
Tag:	Tag Free
Symbol:	G0S2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_015714 edited ATGGAAACGGTCCAGGAGCTGATCCCCCTGGCCAAGGAGATGATGGCCCAGAAGCGCAAG GGGAAGATGGTGAAGCTGTACGTGCTGGGCAGCGTGTGGCCCTCTTCGGCGTGGTGCTC GGCCTGATGGAGACTGTGTGCAGCCCCTTACGGCCGCCAGACGTCTGCGGGACCAGGAG GCAGCCGTGGCGGAGCTGCAGGCCGCCCTGGAGCGACAGGCTCTCCAGAAGCAAGCCCTG CAGGAGAAAGGCAAGCAGCAGGACACGGTCTCGGCGGCCGGCCCTGTCCAACCGGCAG CACGCCTCCTAG
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015714 unedited TCACATTTGTATACGACNACTATAGGCGGCACGGAATTCGCACGAGGNATAGCTGCAGC TGCCGAGAGGAGGAGAACGCTGAGGTCTGGTCCGACCAACGGACGCGCTGACCGCTGCCAA CTGCAGCTCGCGCTGCCTCCTGCTCGCGCCGTGCCACTAAGGTCACTCCCGCCTCCGAGA GCCCAGAGCCGAGATGGAAACGGTCCAGGAGCTGATCCCCCTGGCCAAGGAGATGATGGC CCATAAGCGCAAGGGGAAGATGGTGAAGCTGTACGTGCTGGGCAGCGTGTGGCCCTCTT CGGCGTGGTGCTCGGCCCTGATGGAGACTGTGTGCAGCCCCTTACGGCCGCCAGACGTCT GCGGGACCAGGAGGCAGCCGTGGCGGATCTGCAGGCCGCCCTGGAGCGACAGGCTCTCCA GAAGCAAGCCCTGCAGGAGAAAGCAAGCAGCAGGACACGGTCTCGGCGGCCGGCCCT GTCCAACCGGCAGCAGCCTCCTATGAACTGTGGGAGACCAGCGGAGTGGGAGGGAGACG CAGTAGACAGAGACAGACCGAGAAGGAAGGAGAGACAGAGGGGCGCGGCACACAGGA TCCTGACTCCGCTGGGAGAGTGCATGATCACGTGCTGTTTTTTATTTGGACTTAACCTCA AAGGAAACCGCTGACATCTAAAAGTGTGACCTACCACAAGCATCCACCAAAGGAGTTTAG TATATGAGTTCGTGCTGTGTGCAGCACTGCATTGTGATGACATTTCCAACACTGTGTGA AATNATCTAAATGCGTCTACCATTTTGCAGTGGGAGGAAAGGATNNAATGCTTTTATGGT ATTATTATTAATNATTACAATGACCACCATTTTGCATTNTGAATAAAAAAATTCTATACC ATANAAAAAAAAAAAAAAGTCTGACTCTAGTTTGGCGCGN
Restriction Sites:	NotI-NotI
ACCN:	NM_015714



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Insert Size:	900 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_015714.2</u> , <u>NP_056529.1</u>
RefSeq Size:	879 bp
RefSeq ORF:	312 bp
Locus ID:	50486
UniProt ID:	<u>P27469</u>
Cytogenetics:	1q32.2
Protein Families:	Transmembrane
Gene Summary:	Promotes apoptosis by binding to BCL2, hence preventing the formation of protective BCL2-BAX heterodimers.[UniProtKB/Swiss-Prot Function]