

Product datasheet for **SC329842**

GSG1 (NM_001206842) Human Untagged Clone

Product data:

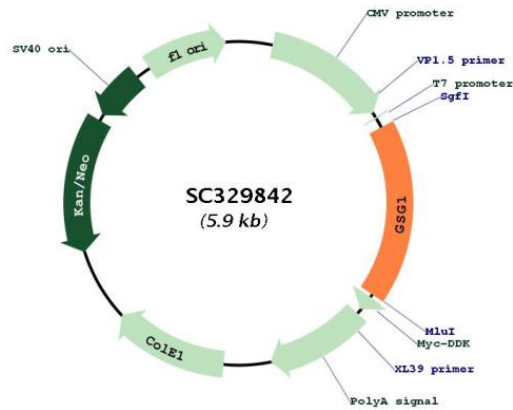
Product Type: Expression Plasmids
Product Name: GSG1 (NM_001206842) Human Untagged Clone
Tag: Tag Free
Symbol: GSG1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329842 representing NM_001206842.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAGCGATCCCTCTCAACTGACTCAAAATGTTTGCCTCACCCAGGAGATGGAGCTCTCGAAGGCCTTC
TCTGGCCAGCGGACACTCCTATCTGCCATCCTCAGCATGCTATCACTCAGCTTCTCCACAACATCCCTG
CTCAGCAACTACTGGTTTGTGGGCACACAGAAGGTGCCAAGCCCTGTGCGAGAAAGGTCTGGCAGCC
AAGTGCTTTGACATGCCAGTGTCCCTGGATGGAGATACCAACACATCCACCCAGGAGGTGGTACAATAC
AACTGGGAGACTGGGATGACCGGTTCTCCTCCGGAGCTCCGGAGTGGCATGTGGCTATCCTGTGAG
GAAACTGTGGAAGAACCAGGGGAGAGGTGCCGAAGTTTCATTGAACTTACACCACCAGCCAAAGAGAGAA
ATCCTATGGTTATCCCTGGGAACGCAGATCACCTACATCGGACTTCAATTCATCAGCTTCCCTCTGCTA
CTAACAGACTTGCTACTCACTGGGAACCCTGCCTGTGGGCTCAAACCTGAGCGCCTTTGCTGCTGTTCC
TCTGTCCTGTCAGGTCTCCTGGGATGGTGGCCACATGATGTATTACAAAGTCTTCCAAGCGACTGTC
AACTTGGGTCCAGAAGACTGGAGACCACATGTTTGAATTATGGCTGGGCCTTCTACATGGCCTGGCTC
TCCTTACCTGCTGCATGGCGTCGGCTGTACCACCTTCAACACGTACACCAGGATGGTGTGGAGTTC
AAGTGCAAGCATAGTAAGAGCTTCAAGGAAAACCCGAAGTGCCTACCACATCACCATCAGTGTTCCTT
CGGCGGCTGTCAAGTGCAGCCCCACCGTGGTCTTTGACCAGCTACCACCAGTATCATAATCAGCCC
ATCCACTCTGTCTCTGAGGGAGTCGACTTCTACTCCGAGCTGCGGAACAAGGGATTTCAAAGAGGGGCC
AGCCAGGAGCTGAAAGAAGCAGTTAGGTCATCTGTAGAGGAAGAGCAGTGTAG
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001206842

Insert Size: 1020 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:

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_001206842.1</u>
RefSeq Size:	2568 bp
RefSeq ORF:	1020 bp
Locus ID:	83445
UniProt ID:	<u>Q2KHT4</u>
Cytogenetics:	12p13.1
Protein Families:	Transmembrane
MW:	38.2 kDa
Gene Summary:	<p>May cause the redistribution of PAPOLB from the cytosol to the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR and 5' coding region, and uses an alternate splice site that causes a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (5) has distinct N- and C-termini and is longer than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>