

## Product datasheet for **SC329844**

### **GSG1 (NM\_001206845) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** GSG1 (NM\_001206845) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** GSG1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329844 representing NM\_001206845.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

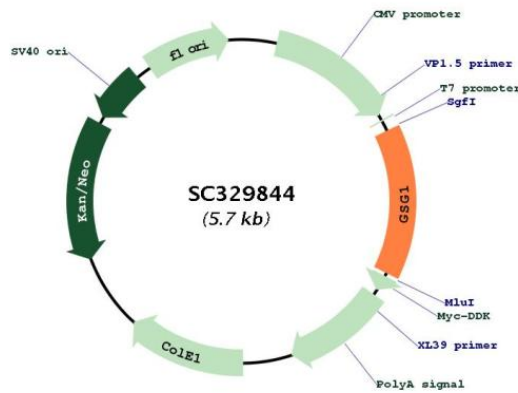
```
ATGGCCAAGATGGAGCTCTCGAAGGCCTTCTCTGGCCAGCGGACACTCCTATCTGCCATCCTCAGCATG
CTATCACTCAGCTTCTCCACAACATCCCTGCTCAGCAACTACTGGTTTGTGGGCACACAGAAGGTGCC
AAGCCCTGTGCGAGAAAGGTCTGGCAGCCAAGTGCTTTGACATGCCAGTGCCCTGGATGGAGATACC
AACACATCCACCCAGGAGGTGGTACAATAACAAGTGGGAGACTGGGGATGACCGGTTCTCCTCCGGAGC
TTCCGGAGTGGCATGTGGCTATCCTGTGAGGAACTGTGGAAGAACCAGGGGAGAGGTGCCGAAGTTTC
ATTGAACTTACACCACCAGCCAAGAGAGGTCTCCTGGGGATGGTGGCCACATGATGATTCACAAGTC
TTCCAAGCGACTGTCAACTTGGGTCCAGAAGACTGGAGACCACATGTTTGAATTATGGCTGGGCCCTTC
TACATGGCCTGGCTCTCCTTACCTGCTGCATGGCGTCGGCTGTCACCACCTTCAACACGTACACCAGG
ATGGTGTGGAGTTCAAGTGAAGCATAGTAAGAGCTTCAAGGAAAACCCGAAGTGCCTACCACATCAC
CATCAGTGTTTCCCTCGGCGGCTGTCAAGTGCAGCCCCACCGTGGGTCTTTGACCAGTACCACCAG
TATCATAATCAGCCCATCCACTGTCTCTGAGGGAGTCGACTTCTACTCCGAGCTGCGGAACAAGGGA
TTTCAAAGAGGGGCCAGCCAGGAGCTGAAAGAAGCAGTTAGGTCATCTGTAGAGGAAGAGCAGTTAG
```

**Restriction Sites:** Sgfl-Mlul



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Plasmid Map:



ACCN: NM\_001206845

Insert Size: 828 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001206845.1</a>
<b>RefSeq Size:</b>	2391 bp
<b>RefSeq ORF:</b>	828 bp
<b>Locus ID:</b>	83445
<b>UniProt ID:</b>	<a href="#">Q2KHT4</a>
<b>Cytogenetics:</b>	12p13.1
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	31.3 kDa
<b>Gene Summary:</b>	<p>May cause the redistribution of PAPOLB from the cytosol to the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (7) uses an alternate splice site and lacks an alternate exon, resulting in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (7) has a distinct C-terminus and is shorter 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>