

Product datasheet for **MC202183**

Gsg1 (NM_001080553) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gsg1 (NM_001080553) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gsg1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC023009 sequence for NM_001080553

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CTTAGGAGGGGCGGAAGGCAAGGGAGGGGGAGGAACTCAGCCTTCTCTCTCGCTACTTTGCACAAA
GAGACTTGTACAGACGGAATCCGTCCAACCTTCCAGACAGGCTACAAGACGCTGACCATGGCCAAGATGG
AGTTCAGAAAGGTTCTCTGACCAGCGGACCTTCATTTCTGCCATCCTCAACATGTTATCACTCGGCT
CTCCACAGCATCCTTGCTCAGCAGCGAGTGGTTTGTGGGCACACAGAAGGTGCCAAGCCCTGTGCGGG
CAAAGTCTGGCAGCCAAGTGCTTTGACATGCCGATGTCCTTGGATGGGGGCATCGCCAACACATCAGCCC
AGGAGGTGGTACAATACACCTGGGAGACTGGGGATGACCGGTTCTCCTTCCCTTCCGAGTGGCAT
GTGGCTATCCTGTGAGGAAACCATGGAAGAGCCAGGGGAGAAGTGCAGACGTTTCATTGAACTCACACCA
CCAGCCCAGAGAGGTGAGAAAGGACTACTGGAATTTGCCACGTTGCAAGGCTCATGTCACCCCACTCTCC
GATTTGGAGGGGAGTGGTTAATGGAGAAGGCTTCTCCTCCACCTCCCTTGGGGGCCCGTGGCAAAGGT
CTTTTGGCTGTCACTGGGAGCCAGACTGCCTATATCGGACTTCAACTCATCAGCTTCTCCTGCTACTG
ACGGATCTGTTGCTCACCACGAACCCTGGCTGTGGGCTCAAGCTAAGCGGTTTGCAGCCGCTCCTTGG
TCCTGTCAAGGACTTCTGGGATGGTGGCTCATATGCTATATTCACAAGTCTTCCAGGCAACTGCCAACTT
AGGTCCGGAGGACTGGAGACCACACTCTTGAATTACGGCTGGGCCTTCTACACAGCGTGGGTTTCTTTC
ACCTGCTGCATGGCGTCAGCGTCCACCCTTCAACATGTACACGAGGATGGTGTGGAGTTCAAGTGCA
GGCACAGCAAGAGCTTTAACACCAACCCAGCTGCCTGGCGCAGCACCACCGCTGTTTCTTCTCTCTCC
GCTGACGTGCACAACCCACGCAGGGGAACCTTTGTCCAGCTGCCATCAGTACCCAGCCATCCCATCCGC
TCTGTCTCTGAAGCTATTGACCTCTACTCGGCGCTACAGGACAAAGAATTTCAACAAGGGATCAGCCAGG
AGCTAAAGGAAGTGGTCGAGCCATCTGTAGAAGAGCAGCGTTAGGAGTTAAGTGGGTTTGGGAAGCAGGC
TAAGTCTACCATAGGTGTCGCTCACTATCAACATCTGCTTAAGCAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_001080553
Insert Size:	1098 bp



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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:	BC023009 , AAH23009
RefSeq Size:	1320 bp
RefSeq ORF:	1098 bp
Locus ID:	14840
UniProt ID:	Q8R1W2
Cytogenetics:	6 66.07 cM
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 (2) contains a distinct 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. The resulting isoform (b) has a shorter N-terminus, compared to isoform a. Variants 2 and 3 encode the same isoform.</p>