

Product datasheet for **MR204259**

GslI (NM_001080552) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	GslI
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PSI00001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR204259 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGAGTTCAGAGGGTTCCTCTGACCAGCGGACCTTCATTTCTGCCATCCTCAACATGTTATCACTCG
GCCTCTCCACAGCATCCTTGCTCAGCAGCGAGTGGTTTGTGGGCACACAGAAGGTGCCAAGCCCTGTG
CGGGCAAAGTCTGGCAGCCAAGTGCTTTGACATGCCGATGTCCTTGGATGGGGGCATCGCCAACACATCA
GCCCAGGAGGTGGTACAATACACCTGGGAGACTGGGGATGACCGGTTCTCCTTCCTTGCCCTCCGCGAGT
GCATGTGGCTATCCTGTGAGGAAACCATGGAAGAGCCAGGGGAGAAGTGCAGACGTTTCATTGAATCAC
ACCACCAGCCCAGAGAGGTGAGAAAGGACTACTGGAATTTGCCACGTTGCAAGGCTCATGTACCCCACT
CTCCGATTTGGAGGGAGTGGTTAATGGAGAAGGCTTCTCTCCACCTCCCTTGGGGGCCCGTGGCAA
AGGTCTTTTGGCTGTCACTGGGAGCCAGACTGCCTATATCGGACTTCAACTCATCAGCTTCTCCTGCT
ACTGACGGATCTGTTGCTACCCACGAACCTGGCTGTGGGCTCAAGCTAAGCGGTTTGCAGCCGCTCTCC
TTGGTCTGTGAGGACTTCTGGGGATGGTGGCTCATATGCTATATTCACAAGTCTTCCAGGCAACTGCCA
ACTTAGGTCGGGAGGACTGGAGACCACACTCTTGAATTACGGCTGGGCCTTCTACACAGCGTGGGTTTC
CTTCACCTGCTGCATGGCGTCAGCGGTCAACATGTACACGAGGATGGTGTGGAGTTCAAG
TGCAGGCACAGCAAGAGCTTTAACCAACCCAGCTGCCTGGCGCAGCACCACCGCTGTTTCCTTCCTC
CTCCGCTGACGTGCACAACCCACGAGGGAACCTTTGTCCAGTGCATCAGTACCCAGCCATCCCAT
CCGCTCTGTCTGAAGCTATTGACCTCTACTCGCGCTACAGGACAAAGAATTTCAACAAGGGATCAGC
CAGGAGCTAAAGGAAGTGGTCGAGCATCTGTAGAAGAGCAGCGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>MR204259 protein sequence
 Red=Cloning site Green=Tags(s)

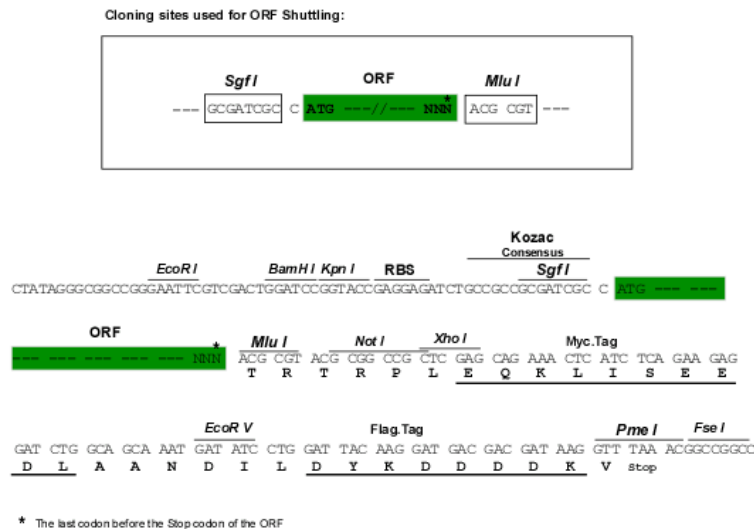
MEFQKGSSDQRTFISAILNMLSLGLSTASLLSSEWFGTQKVPKPLCGQSLAAKCFDMPMSLDGGIANTS
 AQEVVQYTWETGDDRFSLAFRSGMWLSCEETMEEPGEKCRRFIELTPPAQRGEKGLLEFATLQGSCHPT
 LRFGGEWLMEKASLLHLPWGPVAKVFWLSLGAQTAYIGLQLISFLLLLTDLTTNPGCGLKLSAFAAVS
 LVL SGLLGMAHMLYSQVFQATANLGPEDWRPHSWNYGWAFYAWVSFTCCMASAVTTFNMYTRMVLEFK
 CRHKS FNTNPSCLAQHRCFLPPLTCTTHAGEPLSSCHQYPSHP IRSVSEADLYSALQDKEFQQGIS
 QELKEVVEPSVEEQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_001080552

ORF Size:

1095 bp

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:

This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001080552.1](#), [NP_001074021.1](#)

RefSeq Size: 1235 bp

RefSeq ORF: 1107 bp

Locus ID: 14840

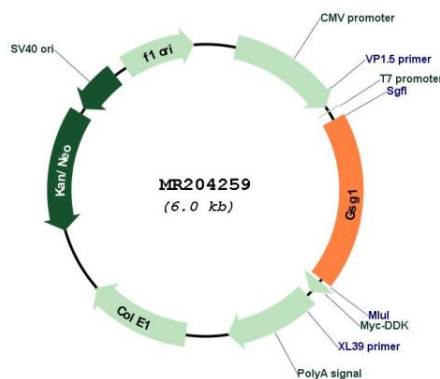
UniProt ID: [Q8RIW2](#)

Cytogenetics: 6 66.07 cM

MW: 40.6 kDa

Gene Summary: May cause the redistribution of PAPOLB from the cytosol to the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204259