

Product datasheet for **MG210762**

Scyl1 (BC034519) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scyl1 (BC034519) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Scyl1
Synonyms:	2810011O19Rik; C85140; mdf; mfd; Ntkl; p105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>MG210762 representing BC034519
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >MG210762 representing BC034519
 Red=Cloning site Green=Tags(s)

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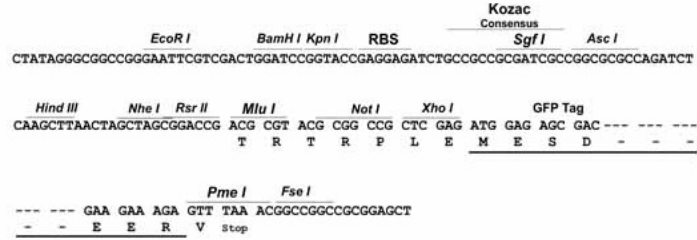
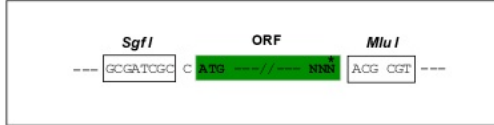
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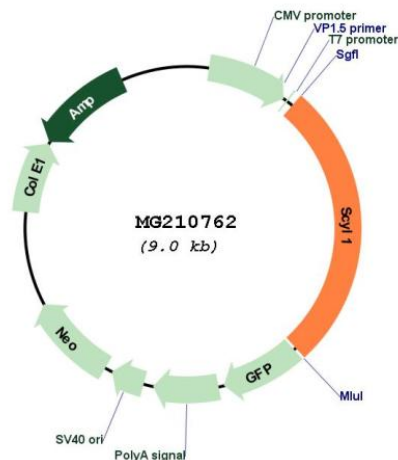
TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:


ACCN: BC034519

ORF Size: 2420 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.

RefSeq: [BC034519](#), [AAH34519](#)

RefSeq Size: 2648 bp

RefSeq ORF: 2420 bp

Locus ID: 78891

Cytogenetics: 19 4.34 cM

Gene Summary:

Regulates COPI-mediated retrograde protein traffic at the interface between the Golgi apparatus and the endoplasmic reticulum. Involved in the maintenance of the Golgi apparatus morphology. Has no detectable kinase activity in vitro.[UniProtKB/Swiss-Prot Function]