

Product datasheet for **RG239519**

GCOM1 (NM_001285900) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GCOM1 (NM_001285900) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GCOM1
Synonyms:	gcom; Gcom2; GRINL1A; MYZAP; MYZAP-POLR2M
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239519 representing NM_001285900.
 Blue=ORF Red=Cloning site Green=Tag(s)

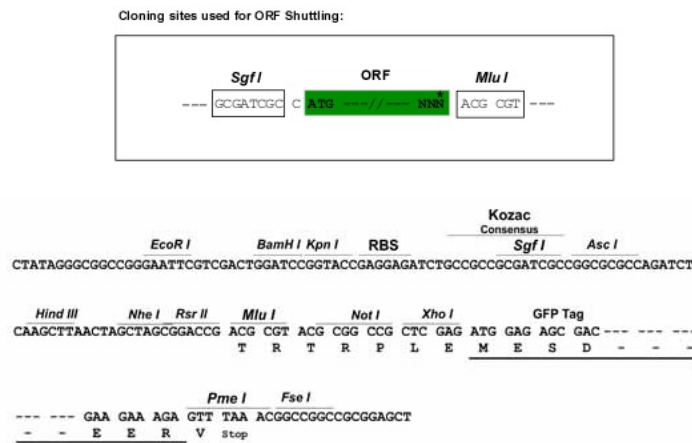
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239519
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001285900

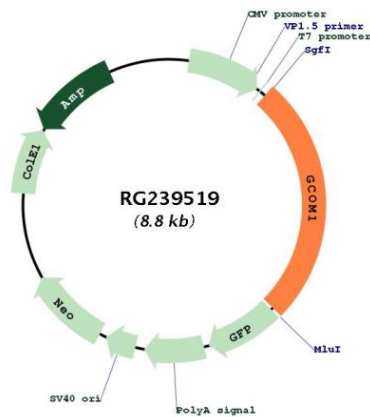
ORF Size: 2295 bp

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).
RefSeq:	<u>NM_001285900.3, NP_001272829.1</u>
RefSeq Size:	5307 bp
RefSeq ORF:	2298 bp
Locus ID:	145781
Cytogenetics:	15q21.3
Protein Families:	Druggable Genome
MW:	88.3 kDa
Gene Summary:	This locus represents naturally occurring readthrough transcription between the neighboring MYZAP (myocardial zonula adherens protein) and POLR2M (polymerase (RNA) II (DNA directed) polypeptide M) genes on chromosome 15. Alternative splicing results in multiple readthrough transcript variants. Readthrough variants may encode proteins that share sequence identity with the upstream gene product or with both the upstream and downstream gene products. Some readthrough transcript variants are also expected to be candidates for nonsense-mediated decay (NMD). [provided by RefSeq, Oct 2013]

Product images:



Circular map for RG239519