

Product datasheet for **RG239616**

SORBS1 (NM_001290297) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SORBS1 (NM_001290297) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SORBS1
Synonyms:	CAP; FLAF2; R85FL; SH3D5; SH3P12; SORB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239616 representing NM_001290297.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
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GTA AAAACCTTTGTATCTA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239616
Blue=ORF Red=Cloning site Green=Tag(s)

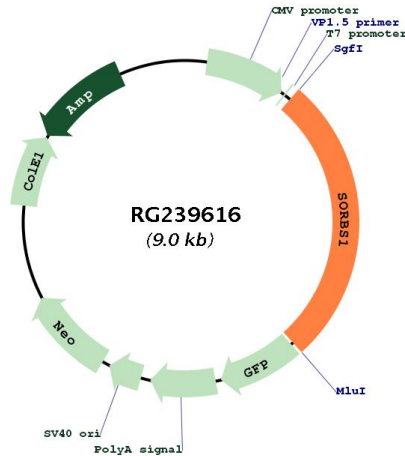
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Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:


ACCN: NM_001290297

ORF Size: 2433 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: [NM_001290297.1](#), [NP_001277226.1](#)

RefSeq Size: 5783 bp

RefSeq ORF: 2436 bp

Locus ID: 10580

UniProt ID: [Q9BX66](#)

Cytogenetics: 10q24.1

Protein Families: Druggable Genome

Protein Pathways: Adherens junction, Insulin signaling pathway, PPAR signaling pathway

MW: 91.5 kDa

Gene Summary:

This gene encodes a CBL-associated protein which functions in the signaling and stimulation of insulin. Mutations in this gene may be associated with human disorders of insulin resistance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]