

Product datasheet for **RG239317**

SUCO (NM_001282751) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUCO (NM_001282751) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SUCO
Synonyms:	C1orf9; CH1; OPT; SLP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>RG239317 representing NM_001282751.
Blue=ORF Red=Cloning site Green=Tag(s)

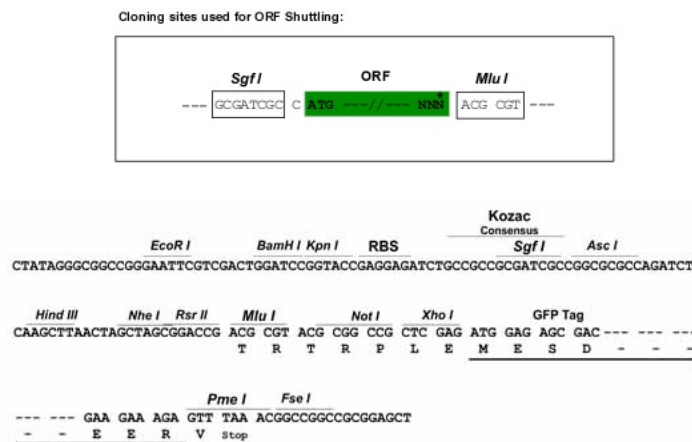
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ATC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239317
 Blue=ORF Red=Cloning site Green=Tag(s)

MEPSTPDPKESPIVQLVQEEEEASPSTVTLGSGEQEDESSPWFSESTQIFCSELTTICISSFSEY
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Restriction Sites: SgfI-MluI

Cloning Scheme:



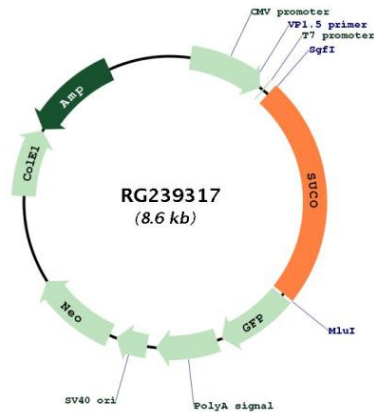
ACCN: NM_001282751

ORF Size: 2073 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_001282751.1, NP_001269680.1</u>
RefSeq Size:	5511 bp
RefSeq ORF:	2076 bp
Locus ID:	51430
UniProt ID:	<u>Q9UBS9</u>
Cytogenetics:	1q24.3
Protein Families:	Transmembrane
MW:	77.9 kDa
Gene Summary:	Required for bone modeling during late embryogenesis. Regulates type I collagen synthesis in osteoblasts during their postnatal maturation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG239317