

Product datasheet for **RG216567**

SFI1 (NM_001007467) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	SFI1
Synonyms:	hSfilp; PISD; PPP1R139
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG216567 representing NM_001007467
Red=Cloning site Blue=ORF Green=Tags(s)

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GCGGCAGGCCCTGTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG216567 representing NM_001007467

Red=Cloning site Green=Tags(s)

MKNLLTEKICSSHNHFHQVIKQRMKKVDSRYFKDGA VKKPYS AKT LSNKKSSASF GIRREL PSTSHLVQ
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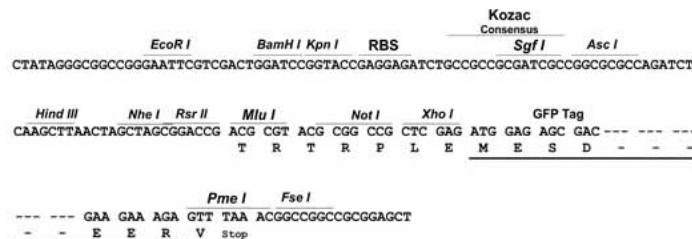
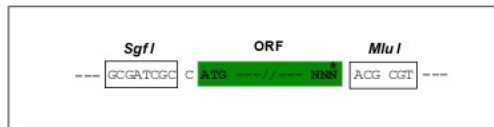
TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN:

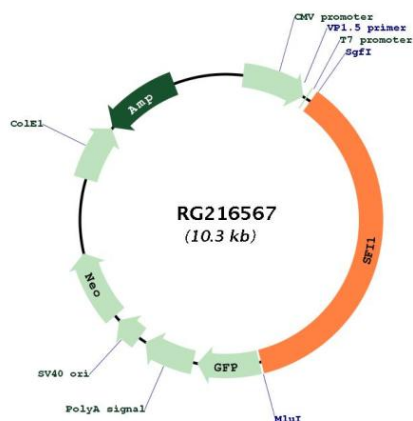
NM_001007467

ORF Size:

3726 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_001007467.3
RefSeq Size:	4302 bp
RefSeq ORF:	3729 bp
Locus ID:	9814
UniProt ID:	A8K8P3
Cytogenetics:	22q12.2
Gene Summary:	Plays a role in the dynamic structure of centrosome-associated contractile fibers via its interaction with CETN2.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG216567