

Product datasheet for **RG202429**

SCGF (CLEC11A) (NM_002975) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCGF (CLEC11A) (NM_002975) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CLEC11A
Synonyms:	CLECSF3; LSLCL; P47; SCGF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG202429 representing NM_002975 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGGCAGCCTGGCTTTTGGGGCTTTGGTGGTCCCCAGCTCTTGGGCTTTGGCCATGGGGCTCGGG
GAGCAGAGAGGGAGTGGGAGGGAGGCTGGGAGGTGCCAGGAGGAGGAGCGGGAGAGGGAGGCCCTGAT
GCTGAAGCATCTGCAGGAAGCCCTAGGACTGCCTGCTGGGAGGGGGATGAGAATCCTGCCGAACTGTT
GAGGGAAAAGAGGACTGGGAGATGGAGGAGGACCAGGGGGAGGAAGAGGAGGAGGAAGCAACGCCAACCC
CATCCTCCGGCCCGACCCCTCTCCACCCCTGAGGACATCGTCACTTACATCCTGGGCCGCTGGCCGG
CCTGGACGCAGGCCTGCACCAGCTGCACGTCCGTCTGCACGCGTTGGACACCCGCGTGGTCGAGCTGACC
CAGGGGCTGCGGCAGCTGCGGAACGCGGAGGCGACACCCGCGATGCCGTGCAAGCCCTGCAGGAGGCGC
AGGGTCGCGCCGAGCGGAGCACGGCCGCTTGGAGGGCTGCCTGAAGGGGCTGCGCTGGGCCACAAGTG
CTTCTGCTCTCGCGGACTTCGAAGCTCAGGCGCGGCGCAGGCGCGGTGCACGGCGCGGGGCGGGAGC
CTGGCGCAGCCGGCAGACCGCCAGCAGATGGAGGCGCTCACTCGGTACCTGCGCGCGGCGCTCGCTCCCT
ACAAGTGGCCCGTGTGGCTGGGCGTGCACGATCGGCGCGCCGAGGGCCTTACCTCTTAAAAACGGCCA
GCGCGTGTCTTCTCGCTGGCATCGCTACCCCGCCCCGAGCTCGGCGCCAGCCAGCGCCTCGCCG
CATCCGCTCAGCCCGACCGCCAACGGTGGCAGCTCGAGAAGTGGTGGCGCCAGCCCTGACGAGC
GTCCTGGTGGGACCAGACTGCCAGCGCGTCTACTACGTCTGCGAGTTCCTCCCTC

AC**GGGCCGCT**CGAG - GFP Tag - GTTTAA



[View online »](#)

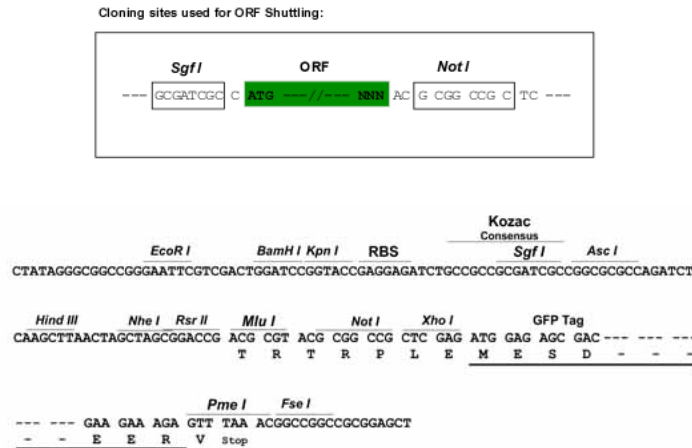
Protein Sequence: >RG202429 representing NM_002975
 Red=Cloning site Green=Tags(s)

MQAAWLLGALVVPQLLGFHGARGAEREWEWGGGAQEEEREREALMLKHLQEALGLPAGRGDENPAGTV
 EGKEDWEMEEDQGESEEEATPTPSSGSPSPPTPEDIVTYILGRLAGLDAGLHQLHVRLHALDTRVVELT
 QGLRQLRNAAGDTRDAVQALQEAQGRAEREHGRLEGCLKGLRLGHKCFLLSRDFEAQAAAQARCTARGGS
 LAQPADRQQMEALTRYLRAALAPYNWPVWLGVHDRRAEGLYLFENGQRVSFFAWHRSPRPELGAQPSASP
 HPLSPDQPNGGTLENCVAQASDDGSWWDHDCQRRLYYVCEFPF

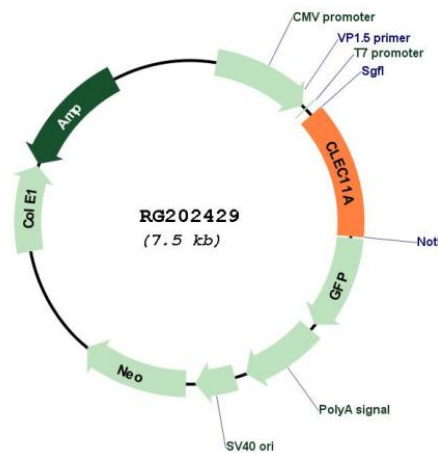
TRPLE - GFP Tag - V

Restriction Sites: SgfI-NotI

Cloning Scheme:



Plasmid Map:



ACCN: NM_002975

ORF Size: 969 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:	<ol style="list-style-type: none">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:	NM_002975.3
RefSeq Size:	1423 bp
RefSeq ORF:	972 bp
Locus ID:	6320
UniProt ID:	Q9Y240
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	This gene encodes a member of the C-type lectin superfamily. The encoded protein is a secreted sulfated glycoprotein and functions as a growth factor for primitive hematopoietic progenitor cells. An alternative splice variant has been described but its biological nature has not been determined. [provided by RefSeq, Jul 2008]