

Product datasheet for SC122640

SCGF (CLEC11A) (NM_002975) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCGF (CLEC11A) (NM_002975) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCGF
Synonyms:	CLECSF3; LSLCL; P47; SCGF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002975 edited
 GAAGAGAGAAGCTGGGAGAATCGGGAACCTGGGGGCTAGTGACCTGCACACAGGGCAGGG
 GCACTCGGCAGTTCCCAGAGGCCACCCCTCCCACCCAGACATCCAGACATCTGGAACCT
 TGGGTGCCAAGAGTCCAGCTTAATGCAGGCAGCCTGGCTTTTGGGGCTTTGGTGGTCCC
 CCAGCTCTTGGGCTTTGGCCATGGGGCTCGGGGAGCAGAGAGGGAGTGGGAGGGAGGCTG
 GGGAGGTGCCAGGAGGAGGAGCGGGAGAGGGAGGCCCTGATGCTGAAGCATCTGCAGGA
 AGCCCTAGGACTGCCTGCTGGGAGGGGGATGAGAATCCTGCCGGAACCTGTTGAGGGAAA
 AGAGGACTGGGAGATGGAGGAGGACCAGGGGGAGGAAGAGGAGGAGGAAGCAACGCCAAC
 CCCATCCTCCGGCCCCAGCCCTCTCCCACCCCTGAGGACATCGTCACTTACATCCTGGG
 CCGCCTGGCCGGCTGGACGCAGGCCTGCACCAGCTGCACGTCCGTCTGCACGCGTTGGA
 CACCCGCGTGGTTCGAGCTGACCCAGGGGCTGCGGCAGCTGCGGAACGCGGCAGGGCAGAC
 CCGCGATGCCGTGCAAGCCCTGCAGGAGGCGCAGGGTCGCGCCGAGCGCGAGCACGGCCG
 CTTGGAGGGCTGCCTGAAGGGGCTGCGCCTGGGCCACAAGTGCTTCTGCTCTCGCGCGA
 CTTTGAAGCTCAGGCGGCGGCGCAGGCGCGGTGCACGGCGCGGGGCGGGAGCCTGGCGCA
 GCCGGCAGACCGCCAGCAGATGGAGGCGCTCACTCGGTACCTGCGCGCGGCGCTCGCTCC
 CTACAACCTGGCCCGTGTGGCTGGGCGTGACGATCGGCGCGCCGAGGGCCTTACCTCTT
 CGAAAACGGCCAGCGCGTGTCTTCTTCGCTGGCATCGTCAACCCGCCCGGAGCTCGG
 CGCCCAGCCCAGCGCCTCGCCGATCCGCTCAGCCCGGACCAGCCCAACGGTGGCAGCT
 CGAGAACTGCGTGGCGCAGGCCTCTGACGACGGCTCCTGGTGGGACCAGACTGCCAGCG
 GCGTCTACTACTAGTCTGCGAGTTCCCCTTCTAGCGGGGCGGTACCCCGCCTCCTTGCC
 CATCCCACCACCCGGCCTTTCCCTGCGCGTGCCACCCCTCCTCCGGAATCGCCCTTCCC
 TTCTGGCCACGAATGGCAGCGTCTCCCCGACCCCACTCTGGGCGCTTCTGGGAGGGC
 TCTTGGCGTGCCGGCACTCCTCCTGTTAGTGTCTTCTTGAAGGGGCGGGCACCAGGC
 TAGGTCCGGTGCCAATAAATCCTTGTGGAATCTGAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_002975 unedited NAATGACAACATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGAAGAG AGAACTGGGAGAATCGGGAACCTGGGGGCTAGTGACCTGCACACAGGGCAGGGGCACTCG GCAGTTCCCAGAGGCCACCCCTCCCACCCAGACATCCAGACATCTGGAACCTTTGGGTGC CAAGAGTCCAGCTTAATGCAGGCAGCCTGGCTTTTGGGGGCTTTGGTGGTCCCCAGCTC TTGGGCTTTGGCCATGGGGCTCGGGGAGCAGAGAGGGAGTGGGAGGGAGGCTGGGGAGGT GCCCAGGAGGAGGAGCGGGAGAGGGAGGCCCTGATGCTGAAGCATCTGCAGGAAGCCCTA GGAAGTGCCTGCTGGGAGGGGGATGAGAATCCTGCCGGAAGTGTGAGGGAAAAGAGGAC TGGGAGATGGAGGAGGACCAGGGGGAGGAAGAGGAGGAGGAAGCAACGCCAACCCATCC TCCGGCCCCAGCCCTCTCCACCCCTGAGGACATCGTCACTTACATCCTGGGCCGCTG GCCGGCTGGACGCAGGCCTGCACCAGCTGCACGTCCGTCTGCACGCGTTGGACACCCGC GTGGTCGAGCTGACCCAGGGGCTGCGGCAGCTGCGGAACGCGGCAGGCGACACCCGCGAT GCCGTGAAGCCCTGCATGAGGCGCATGGTCGCGCCGAGCGGAGCACGGCCGCTTGGAG GGCTGCCTGATAGGGCTGCGCCTGGGCCACAAGTCTTCTGCTCTCGCGGACTTCGAA GCTCATGCGGCGCGCATGCGCCGTGCACNGCGGGGGGCGGGAGCCTGGCGCAGCCGGC AGACCCAGCAGATGGAGGCGCTCACTNCGTACCTGCGCGCGGCGCT
Restriction Sites:	Please inquire
ACCN:	NM_002975
Insert Size:	1382 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_002975.2 , NP_002966.1
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]