

Product datasheet for **SC334128**

PLGF (PGF) (NM_001293643) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLGF (PGF) (NM_001293643) Human Untagged Clone
Tag:	Tag Free
Symbol:	PGF
Synonyms:	D12S1900; PGFL; PIGF; PLGF; PIGF-2; SHGC-10760
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334128 representing NM_001293643. Blue=Insert sequence Red=Cloning site Green=Tag(s)

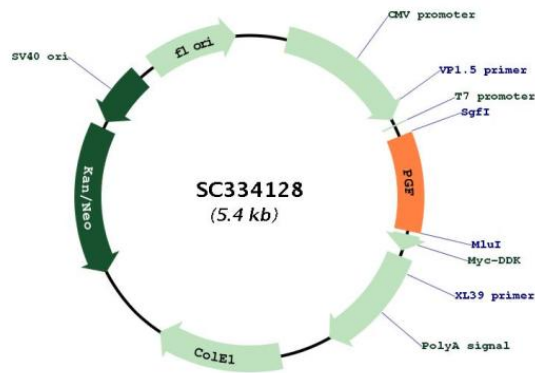
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGGTCATGAGGCTGTTCCCTTGCTTCCTGCAGCTCCTGGCCGGGCTGGCGCTGCCTGCTGTGCC
CCCCAGTGGCCCTGTCTGCTGGGAACGGCTCGTCAGAGGTGGAAGTGGTACCCTCCAGGAAGTGTGG
GGCCCGAGCTACTGCCGGGCGCTGGAGAGGCTGGTGGACGTCGTGTCCGAGTACCCAGCGAGGTGGAG
CACATGTTTCAGCCATCCTGTGTCTCCCTGCTGCGCTGCACCGGCTGCTGCGGCGATGAGAATCTGCAC
TGTGTGCCGGTGGAGACGGCCAATGTCACCATGCAGCTCCTAAAGATCCGTTCTGGGGACCGCCCTCC
TACGTGGAGCTGACGTTCTCTCAGCACGTTTCGCTGCGAATGCCGGCCTCTGCGGGAAGATGAAGCCG
GAAAGGAGGAGACCCAAGGGCAGGGGAAGAGGAGGAGAGAAGCAGAGACCCACAGACTGCCACCTG
TCCGGCGATGCTGTTCCCGGAGGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001293643

Insert Size: 510 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: 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_001293643.1](#)

RefSeq Size: 1908 bp

RefSeq ORF:	510 bp
Locus ID:	5228
Cytogenetics:	14q24.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Bladder cancer, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma
MW:	19.2 kDa
Gene Summary:	<p>This gene encodes a growth factor found in placenta which is homologous to vascular endothelial growth factor. Alternatively spliced transcripts encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2011]</p> <p>Transcript Variant: This variant (3) has an alternate splice site in the 5' coding region, compared to variant 1. The resulting isoform (3) lacks an internal aa, compared to isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>