EMPOWER YOUR RESEARCH

## Product datasheet for RC236234

## PLGF (PGF) (NM_001293643) Human Tagged ORF Clone

## Product data:

Product Type:
Product Name:

## Tag:

Symbol:
Synonyms:
Mammalian Cell
Selection:
Vector:
E. coli Selection:

ORF Nucleotide
Sequence:

Protein Sequence:

Expression Plasmids
PLGF (PGF) (NM_001293643) Human Tagged ORF Clone
Myc-DDK
PLGF
D12S1900; PGFL; PIGF; PLGF; PIGF-2; SHGC-10760
Neomycin
pCMV6-Entry (PS100001)
Kanamycin ( $25 \mathrm{ug} / \mathrm{mL}$ )
>RC236234 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

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## TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC

ATGCCGGTCATGAGGCTGTTCCCTTGCTTCCTGCAGCTCCTGGCCGGGCTGGCGCTGCCTGCTGTGCCCC CCCAGTGGGCCTTGTCTGCTGGGAACGGCTCGTCAGAGGTGGAAGTGGTACCCTTCCAGGAAGTGTGGGG CCGCAGCTACTGCCGGGCGCTGGAGAGGCTGGTGGACGTCGTGTCCGAGTACCCCAGCGAGGTGGAGCAC ATGTTCAGCCCATCCTGTGTCTCCCTGCTGCGCTGCACCGGCTGCTGCGGCGATGAGAATCTGCACTGTG TGCCGGTGGAGACGGCCAATGTCACCATGCAGCTCCTAAAGATCCGTTCTGGGGACCGGCCCTCCTACGT GGAGCTGACGTTCTCTCAGCACGTTCGCTGCGAATGCCGGCCTCTGCGGGAGAAGATGAAGCCGGAAAGG AGGAGACCCAAGGGCAGGGGGAAGAGGAGGAGAGAGAAGCAGAGACCCACAGACTGCCACCTGTGCGGCG ATGCTGTTCCCCGGAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
>RC236234 protein sequence
Red=Cloning site Green=Tags(s)

MPVMRLFPCFLQLLAGLALPAVPPQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVEH MFSPSCVSLLRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHVRCECRPLREKMKPER RRPKGRGKRRREKQRPTDCHLCGDAVPRR

## TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul
Cloning Scheme:

## ACCN:

ORF Size:
OTI Disclaimer:
OTI Annotation:

## Components:

Reconstitution Method: 1. Centrifuge at $5,000 \times \mathrm{g}$ for 5 min .
2. Carefully open the tube and add 100 ul 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 5000 xg ) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at $-20^{\circ} \mathrm{C}$. The DNA is stable for at least one year from date of shipping when stored at $-20^{\circ} \mathrm{C}$.

| RefSeq: | NM 001293643.1 |
| :--- | :--- |
| RefSeq 001280572.1 |  |
| RefSeq ORF: | 1908 bp |
| Locus ID: | 510 bp |
| Cytogenetics: | 5228 |
| Protein Families: | 14q24.3 |
|  | Druggable Genome, Secreted Protein |

## Protein Pathways:

## MW:

Gene Summary:

Bladder cancer, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma
19.2 kDa

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]

## Product images:



