**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for RN201230

## Pgf (NM_053595) Rat Untagged Clone

### Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | Pgf (NM_053595) Rat Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | Pgf |
| **Synonyms:** | Plgf |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |
| **Fully Sequenced ORF:** | >RN201230 representing NM_053595<br>Red=Cloning site Blue=ORF Orange=Stop codon<br><br>TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC<br>GCCGCGATCGCC<br><br>ATGCTGGCCATGAAGCTGTTCACTTGCTTCTTGCAGGTCCTAGCTGGGTTGGCTGTGCACTCCCAGGGGG<br>CCCTGTCTGCTGGGAACAACTCAACAGAAATGGAAGTGGTGCCTTTCAATGAAGTGTGGGGCCGCAGCTA<br>CTGCCGGCCAATGGAGAAGCTGGTGTACATTGCAGATGAACACCCTAATGAAGTGTCTCATATATTCAGT<br>CCGTCATGTGTCCTTCTGAGTCGCTGTAGTGGCTGCTGTGGTGACGAGGGTCTGCACTGTGTGGCGCTAA<br>AGACAGCCAACATCACTATGCAGATCTTAAAGATTCCCCCCAATCGGGATCCACATTCCTACGTGGAGAT<br>GACATTCTCTCAGGATGTGCTCTGCGAATGCAGGCCTATTCTGGAGACGACAAAGGCAGAAAGGAGGAAA<br>ACCAAGGGGAAGAGGAAGCAAAGCAAAACCCCACAGACTGAGGAACCCCACCTGTGA<br><br>ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT<br>ACAAGGATGACGACGATAAGGTTTAA |
| **Restriction Sites:** | SgfI-MluI |
| **ACCN:** | NM_053595 |
| **Insert Size:** | 477 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). |

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

| | |
|---|---|
| **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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_053595.2, NP_446047.1 |
| **RefSeq Size:** | 1586 bp |
| **RefSeq ORF:** | 477 bp |
| **Locus ID:** | 94203 |
| **UniProt ID:** | Q63434 |
| **Cytogenetics:** | 6q31 |
| **Gene Summary:** | forms a heterodimer with VEGF; may play a role in vascular endothelial cell proliferation [RGD, Feb 2006] |

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US