

Product datasheet for MC200697

Pgf (NM_008827) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pgf (NM_008827) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pgf
Synonyms: AI854365; PIGF; Plgf
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC016567 sequence for NM_008827
 GCAGTCTGAGAAGGAAACCGCATCTTCAGACTTCTGCTCACTCAGAGAGGAGCTAGGGTCATCGGACCC
 CTAAGATCCTTTACATCGCTCCGACTCGCCGGAACACTCCTCACCAGTTTCTCAGCCACAGCCCTACC
 TGTGAGCTCCGGACTTCCCGGCTTTCTGTGGATGCTCAGGCAGACTGCAGAGACCTAGCCTAGGACAGC
 AGTGAGGGGGACTCCTCTCCTCTCCTCTCCTCTGGTATCAGCGTCTCCCCAAGGGGGACGAGCATGG
 TGATTGTGCCTTGAAGGACCTTGGCTCTGGATGTCTGAGAAGATGCTGGTTCATGAAGCTGTTCACTTGT
 TCTTACAGGTCCTAGCTGGGTTGGCTGTGCATTCCAGGGGGCCCTGTCTGCTGGGAACAACTCAACAGA
 AGTGGAAGTGGTGCCTTTCAACGAAGTGTGGGTGCGCAGCTACTGTCGGCCATGGAGAAGCTGGTGTAC
 ATCTTGGATGAATACCCTGATGAGGTGTCTCACATATTAGTCCGTCCTGTGCTTCTGAGTCGCTGTA
 GTGGCTGTGTGGTGTGAAGGTCTGCACTGTGTGCCGATAAAGACAGCCAACATCACTATGCAGATCTT
 GAAGATCCCCCAATCGGGATCCACATTTCTATGTGGAGATGACATTTTCTCAGGATGTGCTCTGTGAA
 TGCAGACCTATTCTGGAGACGACAAAGGCAGAAAGGAGGAAAACCAAGGGGAAGAGGAAGAGGAGTAGAA
 ACTCACAGACTGAGGAACCCACCCGTGATGTCATTTCCCGGAGGTAACCAAGCCACTCAGAGGAGAGCCC
 CACACCCAGCTCACGTATTTATTACCGTACCCTCTCAGAACCCTCCCTGCTGGTACCTACCCTCTATTT
 ATTAGCCGACTCGTCCCTGCTGAATGACGTGCCCCCTCCAAGATAAGGGGCATGGAAGGACAAGACGCTC
 AGGAATTCAGTGCCTTAAACAGAACGAGAGAGAAAGAAAGCAAGCCAGCCACGGATCTGTGGGAGCTTCG
 GCTTGGGAAGAAGCAAGACATGGACATGGCCTTACAAGGGGCAAGCCGACCCAGAGGCCCTGGCTCTC
 CAGGGAAGTGGAGAAGAGAAGAGGAGGCCTAGAACCCTGCCCTGATTTCCAGCTCCACCCAGAGAGCAGCT
 CTGGCCCCGGCTGCATTGAAGGCATGTAGAGGGGACCCAGTCTACTGTATCCTGGAGATGGGACAGGACA
 TTGGCTCTGGAGAGCAGAGCTTGCCTGTGGAGTTTGCCCTTACGCTAGAAAGTTTATGCTTACCCTTT
 GCAAAGGTCCCTTTGTCCCTCTCTGGAACACAGGCAGAGTGGCCTGGGGCTGAGCAGAGGGCAGGCTGGA
 GGAGCAGTAGCCGTGGACTTTGACCGATAACAAGTCTGGGTTGTGTGCTTCTGTTGACAGCTACGGGAA
 GTGAGCCGACTCCTGGAGGGCCCTTGCAGCCACCGGTTGTCTCTGCCGGGACTAACTGCCAAGCCAGAT
 TCTCTTGAATAAAGCATTCTAGTCTGGAAA
 AAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_008827
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).
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:	BC016567 , AAH16567
RefSeq Size:	1674 bp
RefSeq ORF:	477 bp
Locus ID:	18654
UniProt ID:	P49764
Cytogenetics:	12 39.58 cM
Gene Summary:	<p>Growth factor active in angiogenesis and endothelial cell growth, stimulating their proliferation and migration. It binds to the receptor FLT1/VEGFR-1. Also promotes cell tumor growth (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). An in-frame AUG is located 4 codons upstream of the annotated translation start site but is not being annotated as a start site since it is not conserved and is in a weak Kozak sequence context. Sequence Note:.</p>