

Product datasheet for **SC317369**

PCGF1 (NM_032673) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCGF1 (NM_032673) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCGF1
Synonyms:	2010002K04Rik; NSPC1; RNF3A-2; RNF68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317369 representing NM_032673. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTA
CCGAGGAGATCTGCCCGCGCATCGCCGGCGCGCC
ATGGCGTCTCCTCAGGGGGCCAGATTGCGATCGCGATGAGGCTTCGGAACCAGCTCCAGTCAGTGTAC
AAGATGGACCCGCTACGGAACGAGGAGGAGTTGAGTGAAGATCAAAGACTTGAATGAACACATTGTT
TGCTGCCTATGCGCCGGCTACTTCGTGGATGCCACCACCATCACAGAGTGTCTTCATACTTTCTGCAAG
AGTTGTATTGTGAAGTACCTCAAACCTAGCAAGTACTGCCCATGTGCAACATTAAGATCCACGAGACA
CAGCCACTGCTCAACCTCAAACCTGGACCGGTCATGCAGGACATCGTGTATAAGCTGGTGCCTGGCTTG
CAAGACAGTGAAGAGAAACGGATTTCGGGAATTCTACCAGTCCCGAGGTTTGGACCGGTCACCCAGCCC
ACTGGGGAAGAGCCAGCACTGAGCAACCTCGGCCCTCCCTTCAGCAGCTTTGACCACTCTAAGCCAC
TACTATCGCTATGATGAGCAGTTGAACCTGTGCCTGGAGCGGCTGAGTTCTGGCAAAGACAAGAATAAA
AGCGTCTGCAGAACAGTATGTCGGATGTTCTGTTAGAGCTGAGGTACGCCATCTCCGGAGGGTCTCG
TGTACCAGCTTGATGCTAAACCTCAGCATGTGCAGCTCCTTTTTGACAATGAAGTTCTCCCTGATCAC
ATGACAATGAAGCAGATATGGCTCTCCCGCTGGTTCGGCAAGCCATCCCCTTTGCTTTTACAATACAGT
GTGAAAGAGAAGAGGAGGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites:	Ascl-MluI
Plasmid Map:	□
ACCN:	NM_032673
Insert Size:	780 bp



[View online »](#)

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_032673.2
RefSeq Size:	939 bp
RefSeq ORF:	780 bp
Locus ID:	84759
UniProt ID:	Q9BSM1
Cytogenetics:	2p13.1
Domains:	RING
MW:	30.3 kDa
Gene Summary:	PCGF1 is a mammalian homolog of the Drosophila polycomb group genes, which act as transcriptional repressors to regulate anterior-posterior patterning in early embryonic development (Nunes et al., 2001 [PubMed 11287196]). See also PCGF2 (MIM 600346). [supplied by OMIM, Aug 2008]