

Product datasheet for **RC233567**

PCGF5 (NM_001256549) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCGF5 (NM_001256549) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PCGF5
Synonyms:	RNF159
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233567 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTACCCAAAGGAAACACTTGGTGAAGATTTAATCCTTACATTACCTGCTATATCTGTAAAGGGT
ATCTGATCAAGCCAACAACAGTGACGGAATGCCTCCATACATTCTGTAAGACTTGTATTGTTGAGCACTT
TGAAGATAGCAATGATTGCCAAGGTGTGGCAACCAAGTTCATGAGACAAATCCATTAGAAATGTTGAGG
TTGGACAATACATTAGAGGAAATATATTTAAGCTGGTCCCTGGACTACGAGAACAAGAAGCTTGAGCGTG
AATCTGAATTTTGAAGAAAAAATAGCCTCAAGAAAATGGACAAGATGATACTTCAAAGCTGACAAACC
GAAAGTAGATGAAGAAGGTGATGAAAATGAAGATGATAAAGATTATCACAGAAGTGACCCACAAATTGCT
ATCTGTCTAGATTGTTTACGAAATAATGGCAATCAGGGGACAATGTAGTAAAGGGTTTAAATGAAGAAAT
TCATTGATGTTCTACACGTGTAAGTGTGGAACTATTAATAAATTTCTAAGTTTAAACTAAAACCTTCC
AAGTTCCTATGAGTTGGATGTGCTGTGCAATGGTGAATATGGGGAAGGATCATACTATGGAATTCATC
TACATGACAAGATGGCGACTAAGAGGCGAAAACCTTCGGTGTCTGAACTGCTCAGCTTCGCAAGTCTGCT
CTCAGGATGGCCCTTTGTATCAGTCATACCCTATGGTACTGCAGTATCGACCAAGAATTGATTTCCGGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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_001256549.1](#), [NP_001243478.1](#)

RefSeq Size: 7164 bp

RefSeq ORF: 771 bp

Locus ID: 84333

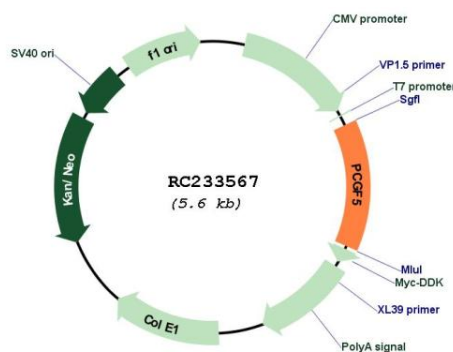
UniProt ID: [Q86SE9](#)

Cytogenetics: 10q23.32

MW: 29.7 kDa

Gene Summary: Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility (PubMed:26151332). Within the PRC1-like complex, regulates RNF2 ubiquitin ligase activity (PubMed:26151332). Plays a redundant role with PCGF3 as part of a PRC1-like complex that mediates monoubiquitination of histone H2A 'Lys-119' on the X chromosome and is required for normal silencing of one copy of the X chromosome in XX females (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC233567