

Product datasheet for RC203553L3

https://www.origene.com techsupport@origene.com EU: info-de@origene.com

EU: info-de@origene.com CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

PCGF6 (NM_032154) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PCGF6 (NM_032154) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: PCGF6

Synonyms: MBLR; RNF134

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203553).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_032154

ORF Size: 831 bp





PCGF6 (NM_032154) Human Tagged Lenti ORF Clone - RC203553L3

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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.

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: <u>NM 032154.3</u>, <u>NP 115530.2</u>

 RefSeq Size:
 2023 bp

 RefSeq ORF:
 828 bp

 Locus ID:
 84108

 UniProt ID:
 Q9BYE7

 Cytogenetics:
 10q24.33

Domains: RING

Protein Families: Transcription Factors

MW: 30.4 kDa

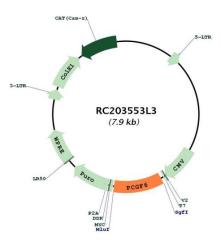
Gene Summary: The protein encoded by this gene contains a RING finger motif, which is most closely related

to those of polycomb group (PcG) proteins RNF110/MEL-18 and BMI1. PcG proteins are known to form protein complexes and function as transcription repressors. This protein has been shown to interact with some PcG proteins and act as a transcription repressor. The activity of this protein is found to be regulated by cell cycle dependent phosphorylation. Alternatively spliced transcript variants encoding different isoforms have been identified.

[provided by RefSeq, Jul 2008]



Product images:



Circular map for RC203553L3