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Product datasheet for SC320777

PCGF6 (NM_032154) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCGF6 (NM_032154) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCGF6
Synonyms:	MBLR; RNF134
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene sequence for NM_032154.3
GTCTCTCCCGACCATGGAGGGGGTCGCGGTGGTGACGGCGGGCAGCGTAGGCGCTGCCAA
AACCGAGGGAGCTGCAGCCTTGCCGCCTCCGCCTCCGCCTCCTGTCTCCCCGCCCGCCCT
CACCCCTGCACCCGCAGCGGGTGAGGAGGGACCGGCGCCTCTGTCTGAGACGGGGGCTCC
CGGCTGCTCCGGCTCCCGGCCCCCTGAGCTGGAGCCGGAGCGCAGCCTGGGCCGCTTCAG
AGGCCGCTTCGAGGACGAGGACGAGGAGTTGGAAGAAGAAGAGGAGCTGGAGGAGGAAGA
AGAGGAGGAGGAGGAGGACATGAGTCACTTCTCGTTGAGGCTGGAGGGAGGCCGGCAGGA
CTCGGAGGACGAGGAGGAGCGCCTGATTAATCTCTCTGAGCTGACCCCATACATCTTGTG
TTCCATTTGCAAAGGTTACTTAATAGATGCAACTACCATCACAGAATGTCTTCATACCTT
TTGTAAAAGCTGCATCGTAAGACATTTTTACTACAGCAACAGATGTCCAAAATGCAATAT
AGTAGTACATCAGACACAACCTCTTTATAACATAAGTGCTAATGAAGGCACGGGACATTT
TAAGCCATTGGAAAAGAAGTTTGTTCGAGTTTCAGGAGAAGCAACTATTGGACATGTAGA
AAAATTCCTCAGAAGAAAAATGGGTCTTGATCCAGCTTGTCAGGTAGATATAATCTGTGG
TGATCACCTGTTGGAGCAGTATCAAACTCTAAGGGAAATCCGACGTGCAATAGGTGATGC
AGCAATGCAGGATGGTCTGCTTGTCCTTCATTATGGTCTTGTGGTTTCTCCTCTGAAGAT
AACTTGAAGATTCTAGGCACATTATGAGGAGGGAAACAAAGGAGGCTTCTGCAGGACTGC
ATCTCACCAAAGATTTCCATGAAATGTAATTGCTACCACTTTGCTGTTCAAGACATAACT
TACCTATTTTTAGCACCAAGAATTATAGCGTTTATAAGTACAACTTGGAACGATGGAATG
CATCTGTTACTAGAGACTGTATATAAAAAGCAGCCAAAGCTCAGGGGAAATTTTTCAAAA
ATTGAATTTTAAAATTTCTTATGATTTTAAATACCTTGACATTGATTTTGCTTCCCATCT
TTGAAGTAATTGGTTAGTTTTCTTTGTTCAGCCATTTCAAGTTGGTGGTTGGGATATCTG
CTCTCTGGGATGGCATCAGTTGGGCAGTCATCTTTTTGGAAGAGAAGTGTGCTTTTGAGT
GGAAGATTCAAAGCCAGTCTTTGTTAAACTGCAGGGTGTACTCTCAAAGACCAAAACTAT
TGGCCACTTTTGTATGTTGCCAGCATATTTTGAACTTGTACCTTTTTTTATACTAGCAAC
ACTACAAAGGAGAAGTTACTCATTTCAAAATGGATGAATTGTTATTATGTGTGAAGAGAC
TCTGAGTTTATGATCTGTGCCATAAAATTTCAGTGTAATAAGACTTCTTCAATACATCTT
CCAATAAGGGGTGCTTCTTTGTGACAGTATTTTTATTTCTGACATTCATTTTATTTGGGT
ACATAGTGTGGTTGTTGATACCTTGCAATAGTATTGCTTCTGAAAGTAATAAAAAATTTT
AGGAGAATTTGAGAAGTTTACAGAATTACTTATTCATTGTTTTCTTAGTAAGTCAGTTTA
ATGTTTATTTTTCTCATTATTTCATCACTGCAATAAAGAATAAGGGTGTTTGAGCTCACC
TCCATGCAAAGACTTCAGTTTTAAAACATTATTTGCCTAAAATTAGCATTGTGATGCTTT
CTGAAAGAAATATTTTATAAATCCTGTTTAACAGCAGAATTTCTGAATGTGTAGAGACTA
CTACAAAATTGGAAAAAGATTGGCAATTCTTTGTAAAGAATTTGTGAATTGTGTATAAAT
TTATTCTAACATTTAATAAAAATGTATTTTAACCTAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_032154

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:	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_032154.3, NP_115530.2
RefSeq Size:	2023 bp
RefSeq ORF:	828 bp
Locus ID:	84108
UniProt ID:	Q9BYE7
Cytogenetics:	10q24.33
Domains:	RING
Protein Families:	Transcription Factors
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] Transcript Variant: This variant (2) lacks an in-frame segment of the coding region, compared to variant 1. It encodes a shorter isoform (b), that is missing an internal segment compared to isoform a.