

Product datasheet for **SC331588**

CCPG1 (NM_001204451) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CCPG1 (NM_001204451) Human Untagged Clone
Tag: Tag Free
Symbol: CCPG1
Synonyms: CPR8
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331588 representing NM_001204451.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCTGAAAATCCAGTGACAGTGATTCATCTTGTGGTTGGACTGTCATCAGTCATGAGGGTCAGAT
ATAGAAATGTTGAATTCTGTGACCCCACTGACAGCTGTGAGCCCGCCCAAGATGTTTCTTTAGAG
CAAGAGGAGCTTCAAGCATTGCAGATAGAGCAAGGAGAAAGCAGCCAAAATGGCACAGTGCTTATGGAA
GAAACTGCTTATCCAGCTTTGGAGGAAACCAGCTCAACAATTGAGGCAGAGGAACAAAAGATACCCGAA
GACAGTATCTATATTGGAAGTCCAGTGTGATGATTCTGATATTGTTACCCTTGAGCCACCTAAGTTAGAA
GAAATTGGAAATCAAGAAGTTGTCATTGTTGAAGAAGCACAGAGTTCAGAAGACTTTAACATGGGCTCT
TCCTCTAGCAGCCAGTATACTTTCTGTCAGCCAGAACTGTATTTTCATCTCAGCCTAGTGACGATGAA
TCAAGTAGTGATGAAACCAGTAATCAGCCAGTCTGCCTTTAGACGACGCCGTGCTAGGAGAAGACC
GTTTCTGCTTCAGAACTGAAGACCGGCTAGTTGCTGAACAAGAACTGAACCTTCTAAGGAGTTGAGT
AAACGTCAGTTCAGTAGTGGTCTCAATAAGTGTGTTATACTTGTCTTGGTATTGCAATCAGCATGGGA
TTTGGCCATTTCTATGGCACAATTCAGATTCAGAAGCGTCAACAGTTAGTCAGAAAGATACATGAAGAT
GAATTGAATGATATGAAGGATTATCTTTCCAGTGTCAACAGGAACAAGAATCTTTTATAGATTATAAG
TCATTGAAAGAAAATCTTGCAAGGTGTTGGACACTTACTGAAGCAGAGAAGATGCCTTTGAAACTCAG
AAAACGAACCTTGCTACAGAAAATCAGTATTTAAGAAAGCTCTTCACTGACTTTGTTAATGATGTTAAA
GATTATCTTAGAAACATGAAGGAATATGAAGTAGATAATGATGGAGTATTTGAGAAGTTGGATGAATAT
ATATATAGACACTTCTTTGGTCACACTTTTCCCTCCATATGGACCCAGTCGACCTGATAAAAAGCAA
CGTATGGTAAATATTGAAAACCTCAGGCATCGAAAACAAGAGCAGAAGCACCTTCAGCCACAGCCTTAT
AAAAGGGAAGGTAATGGCATAAATATGGTCGCACTAATGGAAGACAAATGGCAAATCTTGAAATAGAA
TTGGGGCAATTACCTTTTGATCCTCAACTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001204451
Insert Size: 1275 bp



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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:	NM_001204451.1
RefSeq Size:	2571 bp
RefSeq ORF:	1275 bp
Locus ID:	9236
UniProt ID:	Q9ULG6
Cytogenetics:	15q21.3
Protein Families:	Transmembrane
MW:	48.6 kDa
Gene Summary:	<p>Acts as an assembly platform for Rho protein signaling complexes. Limits guanine nucleotide exchange activity of MCF2L toward RHOA, which results in an inhibition of both its transcriptional activation ability and its transforming activity. Does not inhibit activity of MCF2L toward CDC42, or activity of MCF2 toward either RHOA or CDC42 (By similarity). May be involved in cell cycle regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) lacks two segments in the 3' coding region, one of which causes a frameshift. The encoded isoform (3) has a distinct C-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>