

Product datasheet for **SC319695**

PGCP (CPQ) (NM_016134) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PGCP (CPQ) (NM_016134) Human Untagged Clone
Tag:	Tag Free
Symbol:	PGCP
Synonyms:	LDP; PGCP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_016134.2
 AGGGCTGCAGTCACGGGGCGCGCGGAGGGCCCCAGCCAGTCAGGGGTGTGGCCGCCG
 CACCGTAAAGGCTAGGCCGCGAGCTTAGTCTGGGAGCCGCTCCGTCGCCGCCGTAGAG
 CCGCCCTATCAGATTATCTTAACAAGAAAACCAACTGGAAAAAAAAATGAAATTCCTTAT
 CTTGCGATTTTTCGGTGGTGTTCACCTTTATCCCTGTGCTCTGGGAAAGCTATATGCAA
 GAATGGCATCTCTAAGAGGACTTTTGAAGAAATAAAGAAGAAATAGCCAGCTGTGGAGA
 TGTTGCTAAAGCAATCATCAACCTAGCTGTTTATGGTAAAGCCAGAACAGATCCTATGA
 GCGATTGGCACTTCTGGTTGATACTGTTGGACCCAGACTGAGTGGCTCCAAGAACCTAGA
 AAAAGCCATCCAAATTATGTACCAAAACCTGCAGCAAGATGGGCTGGAGAAAGTTACCT
 GGAGCCAGTGAGAATACCCCACTGGGAGAGGGGAGAAGAATCAGCTGTGATGCTGGAGCC
 AAGAATTCATAAGATAGCCATCCTGGGTCTTGGCAGCAGCATTGGGACTCCTCCAGAAGG
 CATTACAGCAGAAGTTCTGGTGGTACCTCTTTCGATGAACTGCAGAGAAGGGCCTCAGA
 AGCAAGAGGGAAGATTGTTGTTTATAACCAACCTTACATCAACTACTCAAGGACGGTGCA
 ATACCGAACGCAGGGGGCGGTGGAAGCTGCCAAGGTTGGGGCTTTGGCATCTCTCATTCCG
 ATCCGTGGCCTCCTTCTCATCTACAGTCTCACACAGGTATTACAGGAATACCAGGATGG
 CGTGCCCAAGATTCCAACAGCCTGTATTACGGTGAAGATGCAGAAATGATGTCAAGAAT
 GGCTTCTCATGGGATCAAAATTGTCATTAGCTAAAGATGGGGGCAAAGACCTACCCAGA
 TACTGATTCCTTCAACACTGTAGCAGAGATCACTGGGAGCAAATATCCAGAACAGGTTGT
 ACTGGTCACTGGACATCTGGACAGCTGGGATGTTGGGCAGGGTCCATGGATGATGGCGG
 TGGAGCCTTTATATCATGGGAAGCACTCTCACTTATTAAGATCTTGGGCTGCGTCCAAA
 GAGGACTCTGCGGCTGGTCTCTGGACTGCAGAAGAACAAGGTGGAGTTGGTGCCTTCCA
 GTATTATCAGTTACACAAGGTAATATTTCCAACCTACAGTCTGGTATGGAGTCTGACGC
 AGGAACCTTCTTACCACTGGGCTGCAATTCAGTGGCAGTGAAGGAGCCAGGGCCATCAT
 GGAGGAGGTTATGAGCCTGCTGCAGCCCTCAATATCACTCAGGTCCTGAGCCATGGAGA
 AGGGACAGACATCAACTTTTGGATCCAAGCTGGAGTGCCTGGAGCCAGTCTACTTGATGA
 CTTATACAAGTATTTCTTCTTCCATCACTCCACGGAGACACCATGACTGTATGGATCC
 AAAGCAGATGAATGTTGCTGCTGCTGTTGGGCTGTTGTTTCTTATGTTGTTGCAGACAT
 GGAAGAAATGCTGCCTAGGTCCTAGAAACAGTAAGAAAGAAACGTTTTTCATGCTTCTGGC
 CAGGAATCCTGGGTCTGCAACTTTGGAAAACCTCTTTCACATAACAATTTATCCAATT
 CATCTTCAAAGCACAACTCTATTTATGCTTTCTGTTATTATCTTTCTTGATACTTTCCA
 AATTCTCTGATTCTAGAAAAAGGAATCATTCTCCCTCCCTCCACCACATAGAATCAAC
 ATATGGTAGGGATTACAGTGGGGCATTCTTTATATCACTCTTAAAAACATTGTTTCC
 ACTTTAAAAAGTAAACACTTAATAAATTTTTGGAAGAACAACAAAAAAAAAAAAAAAAAAAA
 AAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016134

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_016134.2](#), [NP_057218.1](#)

RefSeq Size: 1928 bp

RefSeq ORF: 1419 bp

Locus ID: 10404

UniProt ID: [Q9Y646](#)

Cytogenetics: 8q22.1

Domains: Peptidase_M28

Protein Families: Protease

Gene Summary: This gene encodes a metallopeptidase that belongs to the peptidase M28 family. The encoded protein may catalyze the cleavage of dipeptides with unsubstituted terminals into amino acids. [provided by RefSeq, Jul 2013]