

Product datasheet for **SC330978**

PCP2 (NM_001271830) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Tag: Tag Free
Symbol: PCP2
Synonyms: GPSM4
Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF: >SC330978 representing NM_001271830.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCGGGCTCCCCAGACCAGGAGGGCTTCTCAATCTGCTGAGCCACGTGCAGGGCGACCGATGGAG
GGACAGCGCTGTTCACTGCAAGCCGGGCGGGCCAGACCACCAAGAGCCAGAGCGACCCACCCCGAG
ATGGACAGCCTCATGGACATGCTGGCCAGTACCCAGGGCCGCCGATGGATGACCAACGTGTGACAGTC
AGCAGCCTGCCCGGCTTCCAGCCCGTGGGGTCCAAGGACGGAGCACAGAAACGAGCTGGGACCCTCAGT
CCCCAACCCCTGCTCACCCTCAGGACCCGACCGCTCTCGGCTTCCGTCGGAACAGCAGCCCCAGCCC
CCGACACAAGCCCCCTGA

Restriction Sites: SgfI-MluI

ACCN: NM_001271830

Insert Size: 363 bp

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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001271830.1
RefSeq Size:	507 bp
RefSeq ORF:	363 bp
Locus ID:	126006
UniProt ID:	Q8IVA1
Cytogenetics:	19p13.2
MW:	12.8 kDa
Gene Summary:	May function as a cell-type specific modulator for G protein-mediated cell signaling. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.