

## Product datasheet for **SC321768**

### **C4ORF28 (PACRGL) (NM\_145048) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C4ORF28 (PACRGL) (NM_145048) Human Untagged Clone
Tag:	Tag Free
Symbol:	C4ORF28
Synonyms:	C4orf28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_145048.2  
 GCTAGGGCCGCTGGACCCGTTGCTAAGGACCCTTGAGATCGTGAGCGCTTGGAGTGTAC  
 CCCTCCTTTCCTGGGGTAGAGGGTCAGTCGAGAGTAGCCTTCGTTAACCTTAATTGAAAC  
 TGGAGTGAAAGGGAAGCAATGCAGAAATCAGAGGGCTCTGGAGGTACACAGTTGAAAAAC  
 AGAGCAACAGGTAACATGATCAAAGGACATCATCAAGCACACAGTTAAAAACACAGGAAT  
 GCAGTTTCAGGGAAGCAATCCTCATTGTCAACCAGTTCTCCAGAGTCTGCAAGAAAACTT  
 CATCCTAGACCAAGTGATAAACTGAACCCTAAAACAATTAATCCGTTTGGTGAACAGTCA  
 CGAGTGCCTTCTGCATTTGCAGCTATTTACTCTAAAGGAGGTATTCCTTGCAGATTGGTA  
 CATGGTTCAGTAAAACACAGATTACAGTGGGAATGCCTCCTGAAAGTCTTTCATTTGAT  
 CCACTTCTTATTACTTTAGCTGAGGGTCTGAGAGAGACTAAGCATCCATACACTTTTGTG  
 TCAAAGGAGGGTTTTAGAGAATTACTTTTGGTCAAAGGTGCTCCTGAAAAAGCTATTCTT  
 TTGCTACCTAGACTGATTCTGTGCTAAAGGCAGCTCTGGTCCATTCCGATGATGAAGTG  
 TTTGAAAGAGGATTGAATGCTCTAGTTCAGCTAAGTGCCTTGTGGTCTTCTCTAAAC  
 GACCATCTGAAGCATCTGCTTACAAGCGGAGCCTTAGCATCATCAAATCTAAAAATCCA  
 ACATACTGCTCCATATGCTGTTGAAGAAGGAGCCAACAAAAATGTTTTTCTACTGT  
 TGACGTGTCAAGCACTAACTGTGGTACTCATTTATTTTATTCTTTTGTAAATCACAGCC  
 ACCATTCAATTATTTACTAGGTTAAGATGAATAGACACTGAATCAAAGTTATTCATCAACA  
 AAAAAGAACAGTTACTAATGAAAGTTATTAATAAGTTCTATAAGAGTACAATTTTGA  
 GGTTTTATTTTTGTATTTTTATTATTTGTGCGAAGAACCATTATTGAGTTTGAAGATAA  
 GATGTATTTGTATTTCTAGTGTCTTTTATTTATAACTTTTTTGGCAATCAGTTTGT  
 AGCTGTGCCCTTATTTTTATAGATAGTTTGCCATTTCTTGGGTTAATGTTTAAACAAGGC  
 TATAGAAGTTTAAAATAGTGGACAAATGTTTGTGAATACACTTTTAAAAAATTGTTTTAA  
 AAGAGAAAAGCGGTCTTGCTTTTGTGCCCAGACTGGAGTGCAGTGGCATAATCATAGCTC  
 ACCGCAAGCCTCAAATTTTTGTGCTCAGATGATCCTTTTTCATCTCAGCCTCTGATTAGC  
 TGGGACTATAGGCGTGTGCCACCATGCCAGCTAATTTTGAATTTGCTTGTAGAGATGG  
 GATCTCACTCTGTTGTCCAGGCTGGTCTCAGAATTCTGGTGTAGTATCCTCCACAGTGG  
 ACTTCCAAAGTGTGGGATTACAGGTGTGAGCCACCATGCCTGGCCCCATGAATACACTA  
 CTAATATTATTTGTAATATGTATTTATAATGTACAATGCTTGGAAAAATTTTCAGAGTA  
 TTCTAGTTTAAAAAATTTTTCTAATTCTGTAATTTCTATTACAAGTATGTTGTTTATTA  
 CAACTCATTACAACCTAAATTTTAGGTGTTAACTGTATTTAAGTAAATGTGTTATTT  
 TTGCATTTTCATAGCCAGAAAATACTGATGTTCACTTAAAGATATTCAGCAATTAATATG  
 TAAAACCTGTAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_145048

**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\\_145048.2](#), [NP\\_659485.1](#)

**RefSeq Size:** 1825 bp

**RefSeq ORF:** 666 bp

**Locus ID:** 133015

**UniProt ID:** [Q8N7B6](#)

**Cytogenetics:** 4p15.31