

## Product datasheet for **SC324976**

### PCBP3 (NM\_001130141) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PCBP3 (NM\_001130141) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PCBP3  
**Synonyms:** ALPHA-CP3; PCBP3-OT1; PCBP3OT  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >SC324976 representing NM\_001130141.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGGAAGGTGACGCCTTCTGGGCCCATCTGTCTTCCTCACAGCACCCCTCAGCACCTTAAGCCAC
CACCCCTCAGCCACAATTTGGCAGAAGGATGGAGTCCAAGGTCTCAGAAGGTGGCCTGAATGTGACCCCTC
ACCATCCGCTGCTGATGCATGGAAAGGAAGTTGGAAGCATCATCGGGAAGAAAGGAGAACTGTGAAG
AAGATGCGTGAGGAGAGTGGTGAAGGATCAACATCTCAGAGGAAACTGCCAGAGAGGATTGTGACC
ATCACAGGCCCCACAGACGCCATCTTCAAGGCCTTTGCCATGATCGCATAACAAGTTTGAGGAGGATATC
ATCAACTCCATGAGCAACAGCCCTGCCACCAGCAAGCCCCAGTGACGCTGAGGCTGGTGGTGCCTGCC
AGCCAGTGTGGTCCCTGATCGGCAAAGGAGGCTCCAAGATCAAGGAGATCAGGGAGTCCACAGGTGCC
CAGGTGCAGGTGGCTGGGACATGCTGCCAACTCCACGGAGCGAGCGGTGACCATCTCGGGGACCCCA
GATGCCATCATCCAGTGCCTCAAGCAGATCTGTGTGGTCACTGCTGGAGGCCTACACAATCCAGGGACAG
TATGCCATCCCTCACCCGGATTTGACCAAGCTCCACCAGTTGGCCATGCAGCAAACCCCTTTCTCCCTCC
CTCGGACAGACCAACCCCGCTTTCCCGGAGAAAAGCTGCCTTTACACTCCTCCGAAGAAGCTCAAAT
CTGATGGGCCAGTCATCAGGTCTGGACGCCAGCCACCGGCCAGCACTCATGAGCTCACCATTCCCAAT
GATCTAATAGGCTGCATAATTGGACGCCAAGGGACCAAAATCAATGAAATTCGACAGATGCTGGAGCT
CAGATCAAATCGCCAACGCCACGGAAGGTCTCAGAGCGTCAGATCACCATCACGGGGACCCCGGCC
AACATCAGCCTTGCCAGTATCTCATCAACGCCAGGCTGACGTCGGAGGTACCGGGATGGGCACGCTG
TAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001130141



[View online »](#)

<b>Insert Size:</b>	1038 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001130141.1</a>
<b>RefSeq Size:</b>	1922 bp
<b>RefSeq ORF:</b>	1038 bp
<b>Locus ID:</b>	54039
<b>UniProt ID:</b>	<a href="#">P57721</a>
<b>Cytogenetics:</b>	21q22.3
<b>MW:</b>	36.8 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the KH-domain protein subfamily. Proteins of this subfamily, also referred to as alpha-CPs, bind to RNA with a specificity for C-rich pyrimidine regions. Alpha-CPs play important roles in post-transcriptional activities and have different cellular distributions. The protein encoded by this gene lacks the nuclear localization signals found in other subfamily members. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jan 2017]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon, compared to variant 1, resulting in a shorter protein (isoform 2), compared to isoform 1.</p>