

Product datasheet for **SC113092**

PCBP3 (NM_020528) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCBP3 (NM_020528) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCBP3
Synonyms:	ALPHA-CP3; PCBP3-OT1; PCBP3OT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020528, the custom clone sequence may differ by one or more nucleotides

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ATGGGGGAAGGTGACGCCTTCTGGGCCCATCTGTCTTCTCACAGCACCCCTCAGCACCTTAAGCCACC  
ACCCTCAGCCACAATTTGGCAGAAGGATGGAGTCCAAGGTCTCAGAAGGTGGCCTGAATGTGACCCTCAC  
CATCCGCCTGCTGATGCATGGAAGGAAGTTGGAAGCATCATCGGGAAGAAAGGAGAACTGTGAAGAAG  
ATGCGTGAGGAGAGTGGTGAAGGATCAACATCTCAGAGGAACTGCCAGAGAGGATTGTGACCATCA  
CAGGCCACAGACGCCATCTTCAAGGCCTTTGCCATGATCGCATACAAGTTTGAGGAGGATATCATCAA  
CTCCATGAGCAACAGCCCTGCCACCAGCAAGCCCCAGTGACGCTGAGGCTGGTGGTGCCTGCCAGCCAG  
TGTGGTCCCTGATCGGCAAAGGAGGCTCCAAGATCAAGGAGATCAGGGAGTCCACAGGTGCCAGGTGC  
AGGTGGCTGGGGACATGCTGCCAACTCCACGGAGCGAGCGGTGACCATCTCGGGGACCCAGATGCCAT  
CATCCAGTGCGTCAAGCAGATCTGTGTGGTCACTGCTGGAGTCCCCACCGAAAGGTGCCACCATCCCTAC  
CGCCAAAGCCCGCTCCACCCCTGTCATTTTTGCAGGTGGTCAGGCCTACACAATCCAGGGACAGTATG  
CCATCCCTCACCCGGATCAGTTGACCAAGCTCCACCAAGTTGGCCATGCAGCAAACCCCTTTCTCCCT  
CGGACAGACCAACCCCGCTTTCCCGGAGAAAAGCTGCCTTTACACTCCTCCGAAGAAGCTCAAAATCTG  
ATGGGCCAGTCATCAGGTCTGGACGCCAGCCACCGCCAGCACTCATGAGCTCACCATTCCAATGATC  
TAAATAGGCTGCATAATTGGACGCCAAGGACCAAAATCAATGAAATTCGACAGATGTCTGGAGCTCAGT  
CAAAATCGCCAACGCCACGGAAGGTCCTCAGAGCGTCAGATCACCATCACGGGACCCCGCCAACATC  
AGCCTTGCCAGTATCTCATCAACGCCAGGCTGACGTCCGAGGTACCCGGATGGGCACGCTGTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_020528 unedited</p> <pre>TGGATTTTGTAAACGACTTACTATAGGGCGGCNCGCGATTTCGGCACCAGGCGGTGCGCCG CCGCTTCGGCTGACTTAGGCTCCGCCGCCGCTTCTCACCCGCTCGCCCCGACCCCGCC CGGGCCTCCCGGCTCTCCCCGCCGCCCGCGGGCTCGCCGTCCGGCGCAGGGCAGCACA TTGGAGATATATTTCCACAGCATCTGGCTTTTCTGTTCTGTCTGAAGTAAATGTAAC TGCTATCCTCTGGAGTAATCTATTGCCATAAAGGATTTTCCAATTATCCTTAGGTTTCT GTGGTTTCACTAAGTTCCATGCATCCCTGCCTGAGGACTGTCTACAAGAGAGAAGCTCCC CACGTGGTTCGCGTAAATACCTAGGAGTGGGCTTTTCTAGATCACATGGTCGGTAGGCT CCACGACAAAAGTCAACCCTTCTGTAAATCACCTGCTGTGGTTATGATGCTCTGAGTTCA ATACGTCTGAACCTTTGCTGTCTATGGATCTGCTCTAAACCTTATAGCCTGCTTATGGGG GAAGGTGACGCCTTCTGGGCCCATCTGTCCTTCTCACAGCACCTCAGCACCTTAAGC CACCACCCTCAGCCACAATTTGGCAGAAGGATGGAGTCCAAGGTCTCAGAAGGTGGCCTG AATGTGACCTCACCATCCGCTGCTGATGCATGGAAAGGAAGTTGGAAGCATCATCGGG AAGAAAGGAGAACTGTGAAGAAGATGCGTGAGGAGAGTGGTCAAGGATCAACATCTCA GAGGGAACTGCCAGAGAGGATTGTGACCATCACAGGCCCCACAGACGCCATCTTNCAG GCCTTNGCCATGATCGCATACCAGTTTGAGGGAGATATCATCAACTCCATGAGCAACAGC CCTGGCACCCAGCAGCCCCAGTGACGCTGAGGCTGGTGGTGCCTGCCACCAGTGCGGNT CCCCTGATCGAAAAGAGGCTCAGATCAA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_020528 unedited</p> <pre>ATGGACCGGCGGCCGAATCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTGGAGGGG GCCACGACATTTATTGAAGTCTGAGGAGCACAGAGGGGGCTCCCTGGCGCTCTGTGCTC TCCAGCCACCCTGGAAGACGCTCAGGGGACCCCAAGAGCCTTCCAGCACGCGGCATCTC TGTGAAGCAGGGCCCCAGCAGGCTCCGCCCTCCACCCACTCCTGGGGTCAGAGCCCC AACATCCTCCATGACCCTCCTCTCCTGGCGCTCCCATGGGTGGCAGGAGAGCCACCCCC CGATTCCAGCACACAACCTGGGGCAGAACTCGAGCCAGACAACAATGGCTCTGAGGGG AAACCGAGTCAGCATGGCAGGGCTGTGTGAGAGAGGAGGGGTCTCAAGCAACAGTTCTGG ACGGTTCTGGATGGCAGAGGAGAAGGGCGGACAGGAAGTGTGTGCGAACGCCGACCCAG CTCCTAAGACAGACAGCTACGCTGACACCAAGGAACAATTTTCTAAAATAATTACCACT GCATGCCGGTGCATGGGCAGACGGGAGCGTAAGTCATAAATAAAATAAAGTGGGGGG ACTCGCGGAGCCTGCAGCCTCTGTAGAGAGCAGCTGTGTGCGGGGTGTGTTTTCCAT GGCATAAGTCTTTTGTAAATAAGAAAACCTCTCTATTGGTATCTGTGANGCAGGGAAAG TGGGCTGTACAGAGTGGCAGAGCGGGGGCCTTTAGCTCCTGCAAGTGGGTGACCCGNG GAAGGTGCTGGGTAGAATACAGCGTGCCCATCCGGTGACCTCGGACGTCAGCCTGGCGTT GATGAAAAGTGGGCCAGGCTGATTTGGCCGGGGTCCCCTGATGTGATCTGACGCTCTGA GACCTTCCGTNCGGTTGCGATTTGGATCTGACCTCCCGACTCTGTCAAATTA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020528
Insert Size:	2500 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.

RefSeq: [NM_020528.1](#), [NP_065389.1](#)

RefSeq Size: 2000 bp

RefSeq ORF: 1020 bp

Locus ID: 54039

UniProt ID: [P57721](#)

Cytogenetics: 21q22.3

Domains: KH

Gene Summary: 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]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).