

Product datasheet for SC327811

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327811 representing NM_020528. Blue=Insert sequence Red=Cloning site Green=Tag(s)

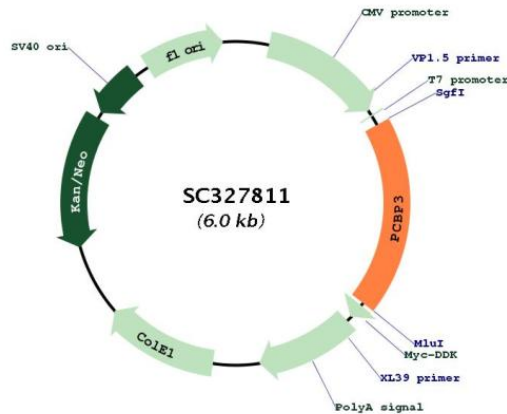
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GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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CACCCCTCAGCCACAATTTGGCAGAAGGATGGAGTCCAAGGTCTCAGAAGGTGGCCTGAATGTGACCCCTC
ACCATCCGCTGCTGATGCATGGAAGGAAAGTTGGAAGCATCATCGGGAAGAAAGGAGAACTGTGAAG
AAGATGCGTGAGGAGAGTGGTGAAGGATCAACATCTCAGAGGGAACTGCCAGAGAGGATTGTGACC
ATCACAGGCCCCACAGACGCCATCTTCAAGGCCTTTGCCATGATCGCATAACAAGTTTGAGGAGGATATC
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ACCCCGGCCAACATCAGCCTTGCCAGTATCTCATCAACGCCAGGCTGACGTCCGAGGTACCCGGGATG
GGCACGCTGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_020528

Insert Size: 1116 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).

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_020528.2](#)

RefSeq Size: 2000 bp

RefSeq ORF: 1116 bp

Locus ID: 54039

UniProt ID: [P57721](#)

Cytogenetics: 21q22.3

Domains: KH

MW: 39.5 kDa

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).