

Product datasheet for **SC106088**

PRKCBP1 (ZMYND8) (BC001004) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRKCBP1 (ZMYND8) (BC001004) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRKCBP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC001004, the custom clone sequence may differ by one or more nucleotides

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AAAAAAGAAAAGAAAACAATTAAAAAAAAAAAAAAAAAGCAACCAACCCCAACAACAAAAAGAATG
TTTTGGTATTGGAGAAGGGATGGTCAGTTAGCCTGTCTGTACACGACGGAATGGATACTGGGCCCGGGG
ACCACTTTCATACTCACGTCCTCATCCTTGATACCCAGGGGAGGGCGAACCGTTTTCGCTCGTGTGTCT
GTACGCAGCATGTTGGGATCGGGAGTTTCGGCACAGACTATCCCATCAAGCCGTTGGCTCCTTTCAGCTA
CTACGTTACCACGTTCTAAAACGCAAGCTCTCCGGACCAGACGGACACAGGGAGAAGCTAGTTTCTTTC
ATGTGATTGAAATGATGACTCTACTCCTAAAAGGGAAAAACAATATCCTTGTTTACAGAAGAGAAACAA
ACAAGCCCCTCAGCTCAGTCACAGGAGAGAACACAGAAAGCTTAGGATCATGAACCTGAAAAAAG
AGAAACCTTATCTTTGCTTTGTGGTTCTTTAAACACACTCACACACACTTGGTCAGAGATGCTGTGCTT
CTTGGAAGCAAGGACTCAAAGGCAAGGTGCACGCAGAGGACGTTTGAGTCTGGGATGAAGCATGTACGTA
TTATTTATATGATGGAATTTACGTTTTTATGTAAGCATGAAACACAGGCAGTATGAGAGAAAGCAAGGC
CCGTCATGCTGTCCGTACACTACGTATGCTGTAGAGCCATTTTGTATGTTGTGTAACAAAAAGCATTG
ATGAAAAAGCAAAAGGTGATGTATGTATATGAGAAAATTAATTGTACGATATCATTCCAGTACGTTTTGT
TGTACATTTTAGTCTTGTCTTCTCTTCTTATTGTTAAGAGGATGCGAACTGTACAGTTCCAGCTAGT
TACCCATATTAGAGAAGAAATAAGAGAGTATTAGAAGAAAACAGGAGAGAAAGAACATTTGTGAATTGCA
GTTGTCAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for BC001004 unedited
 CTATAGGCCGCCGCGNAATTCGCACGAGGAAAGAATGTTTTGGTATTGGAGAAGGGATGG
 TCAGTTAGCCTGTCTGTACACGACGGAATGGATACTGGGCCCGGGGACCACTTTCATAC
 TCACGTCCTCATCCTTGGATACCCAGGGGAGGGCGAACCGTTTTTCGCTCGTGTCTGTA
 CGCAGCATGTTGGGATCGGGAGTTTCGGCACAGACTATCCCATCAAGCCGTTGGCTCCTT
 TCAGTACTACGTTACCAGTTCCTAAAACGCAAGCTCCTCCGGACCAGACGGACACAGGG
 AGAAGCTAGTTTTCTTTCATGTGATTGAAATGATGACTCTACTCCTAAAAGGGAAAAACA
 ATATCCTTGTTTTACAGAAGAGAAAACAAACAAGCCCCACTCAGCTCAGTCACAGGAGAGAA
 CACAGAAAAGTCTTAGGATCATGAACTCTGAAAAAAGAGAAACCTTATCTTTGCTTTGTG
 GTTCCTTTAAACACACTCACACACTTGGTCAGAGATGCTGTGCTTCTTGAAGCAAGG
 ACTCAAAGGCAAGGTGCACGCAGAGGACGTTTGAGTCTGGGATGAAGCATGTACGTATTA
 TTTATATGATGGAATTTACGTTTTTATGTAAGCATGAAACACAGGCAGTATGAGAGAAA
 AGCAGGCCCGTCATGCTGCTCCGTACACTACGTATGCTGTAGAGCCATTTTGTATGTTGTG
 TAAAACAAAAGCATTGATGAAAAAGCAAAGGTGATGTATGTATATGAGAAAATTAATTGT
 CGATATCATTCCAGNCCGTTTNTGGTGGACATTTTTAGACTTGTTTACTTTTTCTTCATGG
 TAAGAGGATGCGAACTGTACAGGTTCCAGCTTGTACCCTATTAATA

3' Read Nucleotide Sequence:

>OriGene 3' read for BC001004 unedited
 NNCCGATATATCTATGNNACCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCAAAACAGTTAATTAATAAAAAAGTAAAGAAA
 TCTGAAAAAAGTGGGGGGTGGGGGAAGGAACGGGCAACCCAAAAAAGCATATAGTGTG
 AGTCTACTGGCTCAGTCACAAAGAAACACCCCTCAAAAAGATTTAAGTTAATACA
 AATTTTATACCAAGAAAATGTGAAAAAATACTTCATATGCTAAAAGCAATTATGCTTCA
 CAAATAAGGCCAGCTAGGCTATTTTTTTTTTTGACAACGCAATTCACAAATGTTCTTTC
 TCTCCTGTTTTCTTAATACTCTTATTTTCTCTCTAATATGGGTAAGTAAAGGAA
 CTGTACAGTTCGCATCCTCTTAACAATGAAGAGAAAGTTAACCAGACTTAAATGTTCAAC
 AAAACGTAAGTGAATGATATCGTACAATTAATTTTCTCATATACATACATCACCTTTTGC
 TTTTTCATCAATGCTTTTTGTTTTACACAACATACAAAATGGCTCTACAGCATACTAGT
 GTACGGACAGCATGACGGGCCTTGCTTCTCTCATACTGCCTGTGTTTCATGCTTACATA
 AAAACGTGAAATCCCTCCTATAAATAACGTACATGCTTCATCCAGAATCAAACGTC
 CTCTGGGTGCCCTTGCTTTGAGTCCCTGGTTCCAAAAGCACAAACATTTTGACCAA
 TGTGTGTAATGTTGTTAAGGGACCCNAAGCCCAAATAAGGTTTTCTTTTTTTCCAA
 GTTTAGAATCCAAACTTTTTGGTCTCCTCCGGGACTGAACTAAAGGGC

Restriction Sites:

NotI-NotI

ACCN:

BC001004

Insert Size:

1250 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: [BC001004.1](#)

RefSeq Size: 1002 bp

RefSeq ORF: 1002 bp

Locus ID: 23613

Cytogenetics: 20q13.12

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: The protein encoded by this gene is a receptor for activated C-kinase (RACK) protein. The encoded protein has been shown to bind in vitro to activated protein kinase C beta I. In addition, this protein is a cutaneous T-cell lymphoma-associated antigen. Finally, the protein contains a bromodomain and two zinc fingers, and is thought to be a transcriptional regulator. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]