

Product datasheet for **SC110323**

PRKCBP1 (ZMYND8) (NM_183047) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRKCBP1 (ZMYND8) (NM_183047) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRKCBP1
Synonyms:	PRKCBP1; PRO2893; RACK7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_183047, the custom clone sequence may differ by one or more nucleotides

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ATGCATCCACAGAGCTTGGCTGAAGAGGAAATAAAAACAGAACAGGAGGTGGTAGAGGGCATGGATATCT
CTACTCGCTCAAAGATCCTGGCTCTGCAGAGAGAACAGCCCAGAAAAGAAAAGTTCCCGAGCCCTCCACA
TTCTTCCAATGGCCACTCGCCGAGGACACATCAACAAGCCCCATTA AAAAGAAAAGAAAACCTGGCTTA
CTGAACAGTAACAATAAGGAGCAGTCAGAACTAAGACATGGTCCGTTTTACTATATGAAGCAGCCACTCA
CCAGAGCCCTGTTGATGTTGTACCGCAGGATGGACGGAATGATTTCTACTGCTGGGTTTGTCCCGGGA
AGGCCAAGTCCTTTGCTGTGAGCTCTGTCCCGGTTTATCACGCTAAGTGTCTGAGACTGACATCGGAA
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AAGCCATGACAAATGCTCACCATTTGAACAGTTATCCTACCTGCTCAAGTTTGCCATTGAGAAAATGAAACA
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GCTGCTTGCCAAAACGAGATAACTGGTTTTGTGAGCCTGTAGCAATCCACATCCTTTGGTCTGGGCCA
AACTGAAGGGGTTCCATTCTGGCCTGCAAAAGCTCTAAGGGATAAAGACGGGCAGGTCGATGCCCGATT
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GCTGCTCGATCCCACCAACCCAGCGCCGCACTGCCAAGATAGACAAGCAGGAGAAGGTCAAGCTCAAC
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AAGAGCACAGCTTACCAGCCTCCACCAAGACGGGACAAGCAGGGAGTTTATCCGGCAGCCCAAAGCCCT
TCTCTCTCAACTGTCAGCTCCTATCACGACGAAAACGGACAAAACCTCCACCACGGCAGCATCTGAA
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TCTTAACCTGGATCGAAGCAAAGCTGAGATGGATTTGAAGGAGCTGAGCGAGTCGGTCCAGCAACAGTCC
 ACCCCTGTTCTCTCATCTCTCCCAAGCGCCAGATTTCGTAGCAGGTTCCAGCTGAATCTTGACAAGACCA
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 GTGAACACAGAAACACTAAATAAGTCTCCAGGGGAGCTCCTCGAGCACACAATCAGCACCTTCAGAAA
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 GACAAGCAACCTGCCTATGCCCAACCACCACAGACCACCAGCCGACCCCAACTACCCCGCCAGAAAGT
 ACCATTCCCGGAGTAATAAATCCAGTTGGAGCAGCAGTATGAGAAGAGGGGATCGACACGTTCCGATCA
 CAACACCAGTACCAGCACGAAGAGCCTCCTCCGAAAGAGTCTCGGCTGGACACCTTCTGGGACTAG

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_183047 unedited
 AGGCGGCCGCGTAATTTCGCACGAGGTTAACAATGCATCCACAGAGCTTGCTGAAGAGG
 AAATAAAAACAGAACAGGAGGTGGTAGAGGGCATGGATATCTCTACTCGCTCCAAAGATC
 CTGGCTCTGCAGAGAGAACAGCCGAAAAAGAAAGTTCCCCAGCCCTCCACATTCTTCCA
 ATGGCCACTCGCCGAGGACACATCAACAAGCCCCATTAAGAAAAAGAAACCTGGCT
 TACTGAACAGTAACAATAAGGAGCAGGATGGACGGAATGATTTCTACTGCTGGGTTTGT
 ACCGGGAAGGCCAAGTCTTTGCTGTGAGCTCTGTCCCCGGTTTATCACGCTAAGTGT
 TGAGACTGACATCGGAACAGAGGGGACTGGTTTTGTCTGAATGTGAGAAAATTACAG
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 CCTACCTGCTCAAGTTTGCCATTGAAAAATGAAACAGCCAGGGACAGATGCATTCCAGA
 AGCCCGTTCCATTGGAACAGCACCTGACTATGCGGAATACATCTTCCATCCATGGACCT
 TTGTACATTGGAAAAGAAATGCGAAAAAGAAATGTATGGCTGCACAGAAGCCTTCTGGCT
 GATGCAAGTGGATTTTGCACAACCTGCATCATTTAATGGGGGAATCACAATTTGACGC
 ANATAGCGAAAGTAGTCTCANAATCTGTGACATGAGATGATGAAATCGAAGTATGTCCAG
 ATGGTATCTAGCTGGCTGCCAAAACGAATAACTGGGTTTGGTGTGAGCTTTGTANCATNCCC
 ATCCTTTGGTCTGGGCCAACGGAAGGGGTTTC

Restriction Sites:

NotI-NotI

ACCN:

NM_183047

Insert Size:

3900 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	<ol style="list-style-type: none"> 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_183047.1 , NP_898868.1
RefSeq Size:	4652 bp
RefSeq ORF:	3567 bp
Locus ID:	23613
UniProt ID:	Q9ULU4
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes isoform a.</p>