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Product datasheet for SC337961

PRKCBP1 (ZMYND8) (NM_001281775) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRKCBP1 (ZMYND8) (NM_001281775) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZMYND8
Synonyms:	PRKCBP1; PRO2893; RACK7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001281775, the custom clone sequence may differ by one or more nucleotides

ATGCATCCACAGAGCTTGGCTGAAGAGGAAATAAAAACAGAACAGGAGGTGGTAGAGGGCATGGATATCT
CTACTCGCTCCAAAGATCCTGGCTCTGCAGAGAGAACAGCCCAGAAAAGAAAGTTCCCCAGCCCTCCACA
TTCTTCCAATGGCCACTCGCCGCAGGACACATCAACAAGCCCCATTAAAAAGAAAAAGAAACCTGGCTTA
CTGAACAGTAACAATAAGGAGCAGTCAGAACTAAGACATGGTCCGTTTTACTATATGAAGCAGCCACTCA
CCACAGACCCTGTTGATGTTGTACCGCAGGATGGACGGAATGATTTCTACTGCTGGGTTTGTCACCGGGA
AGGCCAAGTCCTTTGCTGTGAGCTCTGTCCCCGGGTTTATCACGCTAAGTGTCTGAGACTGACATCGGAA
CCAGAGGGGGACTGGTTTTGTCCTGAATGTGAGAAAATTACAGTAGCAGAATGCATCGAGACCCAGAGTA
AAGCCATGACAATGCTCACCATTGAACAGTTATCCTACCTGCTCAAGTTTGCCATTCAGAAAATGAAACA
GCCAGGGACAGATGCATTCCAGAAGCCCGTTCCATTGGAACAGCACCCTGACTATGCGGAATACATCTTC
CATCCAATGGACCTTTGTACATTGGAAAAGAATGCGAAAAAGAAAATGTATGGCTGCACAGAAGCCTTCC
TGGCTGATGCAAAGTGGATTTTGCACAACTGCATCATTTATAATGGGGGAAATCACAAATTGACGCAAAT
AGCGAAAGTAGTCATCAAAATCTGTGAACATGAGATGAATGAAATCGAAGTATGTCCAGAATGTTATCTA
GCTGCTTGCCAAAAACGAGATAACTGGTTTTGTGAGCCTTGTAGCAATCCACATCCTTTGGTCTGGGCCA
AACTGAAGGGGTTTCCATTCTGGCCTGCAAAAGCTCTAAGGGATAAAGACGGGCAGGTCGATGCCCGATT
CTTTGGACAACATGACAGGGCCTGGGTTCCAATAAATAATTGCTACCTCATGTCTAAAGAAATTCCTTTT
TCTGTGAAAAAGACTAAGAGCATCTTCAACAGTGCCATGCAAGAGATGGAGGTTTACGTGGAGAACATCC
GCAGGAAGTTTGGGGTTTTTAATTACTCTCCATTTAGGACACCCTACACACCCAACAGCCAGTATCAAAT
GCTGCTCGATCCCACCAACCCCAGCGCCGGCACTGCCAAGATAGACAAGCAGGAGAAGGTCAAGCTCAAC
TTTGACATGACGGCATCCCCCAAGATCCTGATGAGCAAGCCTGTGCTGAGTGGGGGCACAGGCCGCCGGA
TTTCCTTGTCGGATATGCCGCGCTCCCCCATGAGCACAAACTCTTCTGTGCACACGGGCTCCGACGTGGA
GCAGGATGCTGAGAAGAAGGCCACGTCGAGCCACTTCAGTGCGAGCGAGGAGTCCATGGACTTCCTGGAT
AAGAGCACAGCTTCACCAGCCTCCACCAAGACGGGACAAGCAGGGAGTTTATCCGGCAGCCCAAAGCCCT
TCTCTCCTCAACTGTCAGCTCCTATCACGACGAAAACGGACAAAACCTCCACCACCGGCAGCATCCTGAA

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TCTTAACCTGGATCGAAGCAAAGCTGAGATGGATTTGAAGGAGCTGAGCGAGTCGGTCCAGCAACAGTCC
ACCCCTGTTCCTCTCATCTCTCCCAAGCGCCAGATTCGTAGCAGGTTCCAGCTGAATCTTGACAAGACCA
TAGAGAGTTGCAAAGCACAATTAGGCATAAATGAAATCTCGGAAGATGTCTATACGGCCGTAGAGCACAG
CGATTCGGAGGATTCTGAGAAGTCAGATAGTAGCGATAGTGAGTATATCAGTGATGATGAGCAGAAGTCT
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AAAAGCCCAAGCCTACAAACCCAGTGGAGATTAAAGAGGAGCTGAAAAGCACGTCACCAGCCAGCGAGAA
GGCAGACCCTGGAGCAGTCAAGGACAAGGCCAGCCCTGAGCCTGAGAAGGACTTTTCCGAAAAGGCAAAA
CCTTCACCTCACCCCATAAAGGATAAACTGAAGGGAAAAGATGAGACGGATTCCCCAACAGTCCATTTGG
GCCTGGACTCTGATTCAGAGAGCGAACTTGTCATAGATTTAGGAGAAGACCATTCTGGGCGGGAGGGTCG
AAAAAATAAGAAGGAACCCAAAGAACCATCTCCCAAACAGGATGTTGTAGGTAAAACTCCACCATCCACG
ACGGTGGGCAGCCATTCTCCCCCGGAAACACCGGTGCTCACCCGCTCTTCCGCCCAAACTTCCGCGGCTG
GCGCCACAGCCACCACCAGCACGTCCTCCACGGTCACCGTCACGGCCCCGGCCCCCGCCGCCACAGGAAG
CCCAGTGAAAAAGCAGAGGCCGCTTTTACCGAAGGAGACTGCCCCGGCCGTGCAGCGGGTCGTGTGGAAC
TCATCAAGTAAGTTTCAAACGTCCTCCCAAAAGTGGCACATGCAGAAGATGCAGCGTCAGCAGCAGCAGC
AGCAGCAGCAAAACCAGCAGCAGCAGCCTCAGTCTTCCCAGGGGACGAGATATCAGACCAGACAGGCTGT
GAAAGCTGTCCAGCAGAAGGAGATCACACAGAGCCCATCCACGTCCACCATCACCCTGGTGACCAGCACA
CAGTCATCGCCCCTGGTCACCAGCTCGGGGTCCATGAGCACCCTTGTGTCCTCAGTCAACGCTGACCTGC
CCATCGCCACTGCCTCAGCTGATGTCGCCGCTGATATTGCCAAGTACACTAGCAAAATGATGGATGCAAT
AAAAGGAACAATGACAGAAATATACAACGATCTTTCTAAAAACACTACTGGAAGCACAATAGCTGAGATT
CGCAGGCTGAGGATCGAGATAGAGAAGCTCCAGTGGCTGCACCAGCAAGAGCTCTCCGAAATGAAACACA
ACTTAGAGCTGACCATGGCGGAGATGCGGCAGAGCCTGGAGCAGGAGCGGGACCGGCTCATCGCCGAGGT
GAAGAAGCAGCTGGAGTTGGAGAAGCAGCAGGCGGTGGATGAGACCAAGAAGAAGCAGTGGTGCGCCAAC
TGCAAGAAGGAGGCCATCTTTTACTGCTGTTGGAACACCAGCTACTGTGACTACCCCTGCCAGCAAGCCC
ACTGGCCTGAGCACATGAAGTCCTGCACCCAGTCAGCTACTGCTCCTCAGCAGGAAGCGGATGCTGAGGT
GAACACAGAAACACTAAATAAGTCCTCCCAGGGGAGCTCCTCGAGCACACAATCAGCACCTTCAGAAACG
GCCAGCGCCTCCAAAGAGAAGGAGACGTCAGCTGAGAAAAGCAAGGAGAGTGGCTCGACCCTTGACCTTT
CTGGCTCCAGAGAGACGCCCTCCTCCATTCTCTTAGGCTCCAACCAAGGCTCTGTTAGCAAAAGGTGTGA
CAAGCAACCTGCCTATGCCCCAACCACCACAGACCACCAGCCGCACCCCAACTACCCCGCCCAGAAGTAC
CATTCCCGGAGTAATAAATCCAGTTGGAGCAGCAGTGATGAGAAGAGGGGATCGACACGTTCCGATCACA
ACACCAGTACCAGCACGAAGAGCCTCCTCCCGAAAGAGTCTCGGCTGGACACCTTCTGGGACTAG

Restriction Sites: SgfI-MluI

ACCN: NM_001281775

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_001281775.2, NP_001268704.1
RefSeq Size:	5471 bp
RefSeq ORF:	3705 bp
Locus ID:	23613
UniProt ID:	Q9ULU4
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] Transcript Variant: This variant (9) uses an alternate in-frame splice site in the central coding region, compared to variant 1. The encoded isoform (i) is longer, compared to isoform a.