

Product datasheet for SC117484

PSCDBP (CYTIP) (NM_004288) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PSCDBP (CYTIP) (NM_004288) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSCDBP
Synonyms:	B3-1; CASP; CYBR; CYTHIP; HE; PSCDBP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004288, the custom clone sequence may differ by one or more nucleotides

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ATGTCTTTACAAAGGCTCCTGCAACACAGCAGCAATGGCAATTTGGCGGACTTCTGCGCTGGGCCAGCGT
ATAGCTCTTACTCCACACTCACCGGCAGCCTTACGATGGACGATAATAGAAGGATCAAATGCTAGCAGA
CACGGTGGCTACTCTGCCTCGGGGACGAAAGCAGCTTGTCTTGACCAGATCAAGTTCTTTAAGTGACTTT
TCCTGGTCTCAAAGAAAGCTTGTACTGTGGAGAAGCAGGATAATGAAACATTTGGATTTGAAATTCAGT
CTTACAGGCCCCAGAATCAGAAATGCCTGCTCCTCGGAAATGTTCACTTTGATATGCAAAATACAGGAGGA
CAGCCCAGCTCACTGTGCTGGCCTGCAAGCTGGTATGTCCTTGCAAATATCAATGGTGTGAGCACAGAA
GGTTTTACCTACAAACAAGTCGTTGACCTGATCAGATCGTCCGAAACCTGCTAACGATAGAGACTCTTA
ATGGAACAATGATTCTGAAAAGAACGGAGCTTGAAGCAAAGCTGCAGGTTTTAAAGCAAACCTTTGAAACA
AAAATGGGTGGAGTACAGATCTCTGCAGTTACAGGAACATCGTCTGCTTCATGGTGTGAGCTAATTGC
CCCAGTTTGGAAAACATGGACTTGGATGAATTGTCTTTGTTTGGACCCCTGCCTGGGCCAGGCCAGCCC
TTGTGGACCGGAATCGATTATCCAGTGAGAGCAGCTGTAAGAGCTGGCTGAGCTCCATGACGATGGACAG
TGAAGATGGCTACCAGACGTGTGTGTCTGAGGACTCCAGCAGGGGTGCCTTCAGTCGGCAGACGAGTACA
GATGATGAGTGTCTTATCCCAAGGAGGGGGATGATTTTCTGAGGAGTTCATCTCAAGGAGGAACCGGA
GCATCAGTAACACCAGCAGCGGATCCATGTCTCCCTTGTGGGAGGGCAACTTATCAAGCATGTTTGGGAC
CCTGCCCGGAAGAGCAGAAAGGGAAGTGTCCGAAAGCAACTCTTGAAATTTATCCCTGGCCTTCATCGT
GCTGTGGAAGAGGAAGAAAGTCGCTTTTGA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004288 unedited GTAACGTTCAAATTTGTAACGACTCATATAGCGGCNCGCGAATTCGCACCAGCAAGGC CACTCAACCATGTGCTAGCTGGAGTGATCTTTATTCACAAATGTCTTTACAAAGGCTCCTG CAACACAGCAGCAATGGCAATTTGGCGGACTTCTGCGCTGGGCCAGCGTATAGCTTTAC TCCACACTCACCGGCAGCCTTACGATGGACGATAATAGAAGGATTCAAATGCTAGCAGAC ACGGTGGCTACTCTGCCTCGGGACGAAAGCAGGTATGATTGCTATTTTGTACCCTTTAG AGTGTTCACATTCTCTTGAGGGCAGAGTGATATGTTTGTCTGACTTCATACTAATGGTGA TATTTTAGAGGCTTTGGAATTACTGGCTGATTATTATGGGTGAAGGAGGTGAGATGCTCA GGGAGCTAGGTGAACCAGTCCAAAGATTTGAGACCACAATCAAACTTTTTTTTCAAGGCA AAAATTAAGATTGTTTTCTTATTTGAAGAAGTCTCAGGTAATAAACATCATTAAAGC ATAAAAAATTGAAGATGGTTTATATAGATACAACAGTATGAGAATTAATTCTCTTTTC CCCATTGTGTCTCCACTGATTCTTCCCTTCCATCCTTACTTGCCAGTCTTGATGGTCAT TTCAGTTCATAATCAAATAAGAAATACTTTTTCTGAGGACAANATTTGTTGACTAATTAT CTTCAGCTCTGGGTTGCTGGCACATACCTCAGGCTATTGAAAAGTAAGATTTTTTTTTT TGGATAGATGAGTGCCANGTTGAATATCAGCTCACCCTTAGTGTCTGTGGGATCTTGAG CAGCCACTTGCTCTAGCTTCATTTTGTCTTAAACGGAGTTATAATAGACCAC
Restriction Sites:	NotI-NotI
ACCN:	NM_004288
Insert Size:	3180 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:	<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_004288.3 , NP_004279.3
RefSeq Size:	2282 bp
RefSeq ORF:	1080 bp
Locus ID:	9595
UniProt ID:	O60759
Cytogenetics:	2q24.1
Domains:	PDZ

Gene Summary:

The protein encoded by this gene contains 2 leucine zipper domains and a putative C-terminal nuclear targeting signal, but does not have any hydrophobic regions. This protein is expressed weakly in resting NK and T cells. The encoded protein modulates the activation of ARF genes by CYTH1. This protein interacts with CYTH1 and SNX27 proteins and may act to sequester CYTH1 protein in the cytoplasm.[provided by RefSeq, Aug 2008]