

Product datasheet for **SC328802**

PACSIN2 (NM_001184970) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PACSIN2 (NM_001184970) Human Untagged Clone
Tag:	Tag Free
Symbol:	PACSIN2
Synonyms:	SDPII
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001184970, the custom clone sequence may differ by one or more nucleotides

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ATGTCTGTCACATATGATGATTCCGTTGGAGTAGAAGTGTCCAGCGACAGCTTCTGGGAG
GTCGGGAACTACAAGCGGACTGTGAAGCGGATCGACGATGGCCACCGCCTGTGCAGCGAC
CTCATGAACTGCCTGCATGAGCGGGCGGCATCGAGAAGGCGTATGCGCAGCAGCTCACT
GAGTGGGCCCGCGCTGGAGGCAGCTCGTGGAGAAAGGGCCCCAGTACGGGACCGTGGAG
AAGGCCTGGATGGCCTTCATGTCCGAGGCAGAGAGGGTGAGCGAGCTGCACCTCGAGGTG
AAGGCCTCACTGATGAACGATGACTTCGAGAAGATCAAGAAGTGGCAGAAGGAAGCCTTT
CACAAGCAGATGATGGGCGGCTCAAGGAGACCAAGGAAGCTGAGGACGGCTTTCCGGAAG
GCACAGAAGCCCTGGGCCAAGAAGCTGAAAGAGGTAGAAGCAGCAAAGAAAGCCACCAT
GCAGCGTGCAAAGAGGAGAAGCTGGCTATCTCACGAGAAGCCAACAGCAAGGCAGACCCA
TCCTCAACCCTGAACAGCTCAAGAAATTGCAAGACAAAATAGAAAAGTGAAGCAAGAT
GTTCTTAAGACCAAAGAGAAGTATGAGAAGTCCCTGAAGGAACTCGACCAGGGCACACCC
CAGTACATGGAGAACATGGAGCAGGTGTTTGAGCAGTGCCAGCAGTTCGAGGAGAAAACGC
CTTCGCTTCTCCGGGAGGTTCTGCTGGAGGTTTCAAGACACCTAGACCTGTCCAATGTG
GCTGGCTACAAAGCCATTTACCATGACCTGGAGCAGAGCATCAGAGCAGCTGATGCAGTG
GAGGACCTGAGGTGGTCCGAGCCAATCACGGGCCGGGCATGGCCATGAACTGGCCGCAG
TTTGAGGAGTGGTCCGCAGACCTGAATCGAACCCTCAGCCGGAGAGAGAAGAAGAAGGCC
ACTGACGGCGTCACCCTGACGGGCATCAACCAGACAGGGCAGCAGTCTCTGCCGAGTAAG
CCCAGCAGCACCCCTTAATGTCCCGAGCAACCCCGCCAGTCTGCGCAGTACAGTCCAGC
TACAACCCTTCGAGGATGAGGACGACCGGGCAGCACCGTCAAGTGAAGGACGACACT
AAGGCCAAAAATGTGAGCAGCTACGAGAAGACCCAGAGCTATCCCACCGACTGGTCAGAC
GATGAGTCTAACAACCCCTTCTCCTCCACGGATGCCAATGGGGACTCGAATCCATTTCGAC
GACGACGCCACCTCGGGGACGGAAGTGCAGTCCGGGCCCTGTATGACTATGAGGGGCAG
GAGCATGATGAGCTGAGCTTCAAGGCTGGGGATGAGCTGACCAAGATGGAGGACGAGGAT
GAGCAGGGCTGGTGAAGGGACGCTTGGACAACGGGCAAGTTGGCCTATACCCGGCAAAT
TATGTGGAGGCGATCCAGTGA
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Restriction Sites:	Please inquire
ACCN:	NM_001184970
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:	<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:	<u>NM_001184970.1</u> , <u>NP_001171899.1</u>
RefSeq Size:	3305 bp
RefSeq ORF:	1461 bp
Locus ID:	11252
UniProt ID:	<u>Q9UNF0</u>
Cytogenetics:	22q13.2
Gene Summary:	<p>This gene is a member of the protein kinase C and casein kinase substrate in neurons family. The encoded protein is involved in linking the actin cytoskeleton with vesicle formation by regulating tubulin polymerization. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (1) encodes isoform A. Both variants 1 and 2 encode the same protein (isoform A).</p>