

Product datasheet for **SC320793**

PACSIN3 (NM_016223) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PACSIN3 (NM_016223) Human Untagged Clone
Tag:	Tag Free
Symbol:	PACSIN3
Synonyms:	SDPIII
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_016223.3
 AGGACTCGGGCCGGAGCGTGGCCGGACCCACCCCGAGGGGCCAGGGAGGACGCGG
 CAGAGTCACGGTGGCAGCATTGAGAGTTGGACACCCGGGTCTTGAAGTGATCTCTAGGC
 CCCAGCCCAAATCCGCCACCATTCCGTGCTGCGGGGACACCATGGCTCCAGAAGAGGAC
 GCTGGAGGGGAGGCCCTTAGGGGGCAGTTTCTGGGAGGCTGGCAACTACAGGCGCACGGTA
 CAGCGGGTGGAGGACGGGACCCGGCTGTGCGGGGACCTGGTCAGCTGCTTCCAGGAGCGC
 GCCCGCATCGAGAAGGCTTATGCCCAGCAGTTGGCTGACTGGGCCGAAAGTGGAGGGGG
 ACCGTGGAGAAGGGCCCAAGTATGGCACACTGGAGAAGGCTGGCATGCCTTTTTCACG
 GCGGCTGAGCGGCTGAGCGCGCTGCACCTGGAGGTGCGGGAGAAGCTGCAAGGGCAGGAC
 AGTGAGCGGGTGCAGCGCTGGCAGCGGGGGGCTTCCACCGCCTGTGCTGGGCGGCTTC
 CGCGAGAGCCGGGCGGCCGAGGACGGCTTCCGCAAGGCCAGAAGCCCTGGCTGAAGAGG
 CTGAAGGAGGTTGAGGCTTCCAAGAAAAGCTACCACGCAGCCCGAAGGATGAGAAGACC
 GCCCAGACGAGGGAGAGCCACGCAAGGCAGACAGCGCGTCTCCAGGAGCAGCTGCGC
 AAAGTGCAGGAACGGGTGAAACGCTGTGCCAAGGAGGCCGAGAAGACAAAAGCTCAGTAT
 GAGCAGACGCTGGCAGAGCTGCATCGCTACACTCCACGCTACATGGAGGACATGGAACAG
 GCCTTTGAGACCTGCCAGGCCGCGAGCGCCAGCGGCTTCTTTTCTTCAAGGATATGCTG
 CTCACCTTACACCAGCACCTGGACCTTCCAGCAGTGAGAAGTCCATGAACTCCACCGT
 GACTTGCACCAGGGCATTGAGGCAGCCAGTGACGAAGAGGATCTGCGCTGGTGGCGCAGC
 ACCCAGGGCCAGGCATGGCCATGAACTGGCCACAGTTCGAGGAGTGGTCTTGGACACA
 CAGAGGACAATCAGCCGGAAGAGAAGGGTGGCCGGAGCCCTGATGAGGTTACCCTGACC
 AGCATTGTGCCTACAAGAGATGGCACCGCACCCCAACCCAGTCCCCGGGGTCCCCAGGC
 ACGGGGACAGGATGAGGAGTGGTCAGATGAAGAGAGTCCCCGGAAGGCTGCCACCGGGGTT
 CGGGTGAGGGCACTCTATGACTACGCTGGCCAGGAAGCTGATGAGCTGAGCTTCCGAGCA
 GGGGAGGAGCTGCTGAAGATGAGTGAGGAGGACGAGCAGGGCTGGTGCCAAGGCCAGTTG
 CAGAGTGCCCGCATTGGCCTGTACCCTGCCAACTACGTGGAGTGTGTGGGCGCCTGAGTG
 TCCTGACAGCCCTTCTGCAACGTTTACCCACCCTGGTTCAGAGCCAGCTTCTCCTGGAG
 AGCCGGACCCCTCAGGGCCCTGAACCGTCGCTCTCTGGCTGCTCCTCTGTCCCTTGAGGGA
 GGAAGTCTGGGACCCAGGGAGGGGAGGGGCTTTGTCTAGGGAAGGGACTGGTAGGGAA
 GGGACGAGTCTAGGCTGAGGGCAAGATGGGAGGTGAGAGGTGACAGAAGCGTTCAGGGGT
 GCCTGGGCTCCCAAGGAGCTGTGGACTCAGTTCTGACCTCTGCTTTGGGGTCTCTGGG
 GTGGGCTTGGGGTGAAGTGTAGTTCTGGCCTAGCAGCACCTCTTGTGGCTTGTCTAGCG
 TGTATTAACAACTGACACACACCACACACAAAACCAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016223

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:

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_016223.3](#), [NP_057307.2](#)

RefSeq Size: 1894 bp

RefSeq ORF: 1275 bp

Locus ID: 29763

UniProt ID: [Q9UKS6](#)

Cytogenetics: 11p11.2

Domains: FCH, SH3

Protein Families: Druggable Genome

Gene Summary: 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.