

Product datasheet for SC114391

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114391 sequence for NM_016223 edited (data generated by NextGen Sequencing)

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ATGGCTCCAGAAGAGGACGCTGGAGGGGAGGCCTTAGGGGACAGTTTCTGGGAGGCTGGC
AACTACAGGCGCACGGTACAGCGGGTGGAGGACGGGCACCGGCTGTGCGGGGACCTGGTC
AGCTGCTTCCAGGAGCGCGCCCGCATCGAGAAGGCTTATGCCAGCAGTTGGCTGACTGG
GCCGAAAGTGGAGGGGGACCGTGGAGAAGGGCCCCAGTATGGCACACTGGAGAAGGCC
TGGCATGCCTTTTTACGGCGGCTGAGCGGCTGAGCGCGCTGCACCTGGAGGTGCGGGAG
AAGCTGCAAGGGCAGGACAGTGAGCGGGTGCAGCGCTGGCAGCGGGGGGCTTTCCACCGG
CCTGTGCTGGGCGGCTTCCGCGAGAGCCGGGCGGCCGAGGACGGCTTCCGCAAGGCCAG
AAGCCCTGGCTGAAGAGGCTGAAGGAGTTGAGGCTTCCAAGAAAAGCTACCACGCAGCC
CGGAAGGATGAGAAGACCGCCAGACGAGGGAGAGCCACGCAAAGGCAGACAGCGCGTC
TCCCAGGAGCAGCTGCGCAAACTGCAGGAACGGGTGGAACGCTGTGCCAAGGAGGCCGAG
AAGACAAAAGCTCAGTATGAGCAGACGCTGGCAGAGCTGCATCGCTACACTCCACGCTAC
ATGGAGGACATGGAACAGGCCTTTGAGACCTGCCAGGCCGCCGAGCGCCAGCGGCTTCTT
TTCTTCAAGGATATGCTGCTCACCTTACACCAGCACCTGGACCTTCCAGCAGTGAGAAG
TTCCATGAACTCCACCGTGACTTGACACCAGGGCATTGAGGCAGCCAGTGACGAAGAGGAT
CTGCGCTGGTGGCGCAGCACCCACGGGCCAGGCATGGCCATGAACTGGCCACAGTTCCGAG
GAGTGGTCCTTGGACACACAGAGGACAATCAGCCGAAAGAGAAGGTTGGCCGGAGCCCT
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TCCCCGGGTCCCCAGGCACGGGGCAGGATGAGGAGTGGTCAGATGAAGAGAGTCCCCGG
AAGGCTGCCACCGGGTTCCGGGTGAGGGCACTCTATGACTACGCTGGCCAGGAAGCTGAT
GAGCTGAGCTTCCGAGCAGGGGAGGAGCTGCTGAAGATGAGTGAGGAGGACGAGCAGGGC
TGGTGCCAAGGCCAGTTGCAGAGTGGCCGATTGGCCTGTACCCTGCCAACTACGTGGAG
TGTGTGGGCGCCTGA

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Clone variation with respect to NM_016223.4



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016223 unedited
 TTTTGTAAATACGACTTACTATAGGGCGGCNCGCGATTTCGGCACGAGGCGTGGCCGGACCC
 CCACCCGCGGAGGGGCCAGGGAGGACGCGGCAGAGTCACGGTGGCAGCATTGAGAGTTG
 GACACCCGGGTCTTGAAGTGATCTCTAGGCCCCAGCCCCAAATCCGCCACCATTCGGTG
 CTGCGGGGACACCATGGCTCCAGAAGAGGACGCTGGAGGGGAGGCCTTAGGGGGCAGTTT
 CTGGGAGGCTGGCAACTACAGGCGCACGGTACAGCGGGTGGAGGACGGGCACCGGTGTG
 CGGGGACTGGTCACTGCTTCCAGGAGCGCCCGCATCGAGAAGGCTTATGCCAGCA
 GTTGGTACTGGGCCAAAGTGGAGGGGACCGTGGAGAAGGGCCCCAGTATGGCAC
 ACTGGAGAAGGCCTGGCATGCCTTTTTTACGGCGGCTGAGCGGCTGAGCGCCTGCACCT
 GGAGGTGCGGGAGAAGCTGCAAGGGCAGGACAGTGAGCGGGTGCGCCTGGCAGCGGGG
 GGCTTTCCACCGGCTGTGCTGGCGGCTTCCGCGAGAGCCGGCGGCGGAGGACGGCTT
 CCGCAAGGCCAGAACCTGGCTGAAGAGGCTGAAGGAGGTTGAGGCTTCCAAGAAA
 GCTACCACGCAGCCGGAAGGATGAGAAGACCGCCAGACGAGGGAGAGCCACGAAAGG
 CAGACAGCGCCGTCTCCAGAGCAGCTGCGCAACTGCAGGAACGGGTGGAACGCTGTGCC
 AAGGAGCCGAGAAGACAAGCTCAGTATGAGCAGACGCTGGCAGAGCTGCATCGCTACA
 CTAGCTCCAATGGAGACATTGGAACAAGCCCTTGAGAACTGNCAGGCCNCGAGGGCCA
 GCGGGTTTCTTTCTTTAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016223 unedited
 GTCCGCGCCGCTTTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTTGTGTTGTGTGGGTG
 TGTGTCAAGTTTTAATACAGCTAGAACAAGCCACAAGAGGGTGTGCTAGGCCAGAAGT
 AACTCACCCCAAGCCACCCAGGAACCCAAAGCAGAGGTGAGGAAGTCCACAG
 CTCTGGGAGGCCCAGGCACCCCTGAACGCTTCTGTCACCTCTGACCTCCCATCTTGCC
 CTAGCTAAACTCGTCCCTTCCCTACAGTCCCTTCCCTAGACAAGGCCCTCCCTC
 CCTGGGTCCCAGGACTTCTCCCTCAAGGGACAGAGGAGCAGCCAGAGAGCGACGGTTCA
 GGGCCTGAGGGTCCGGCTCTCCAGGAGAAGCTGGGCTCTGAACCAGGGTGGTAAACGT
 TGCAGAAGGGTGTGAGGACACTCAGGCGCCACACACTCCACGTAGTTGGCAGGGTACA
 GGCCAATGCGGCCACTCTGCAACTGGCCTTGGCACCAGCCTGCTCGTCTCCTCACTCA
 TCTTACAGCTCCTCCCTGCTCGGAAGCTCAGCTCATCAGCTTCTGGCCAGCGTAGT
 CATAGAGTGCCCTCACCCGAACCCGGTGGCAGCCTTCCGGGACTCTTTCATCTGACC
 ACTCTCATCTGCCCGTGCCTGGGGACCCCGGGGACTGGGGTGGGGTGGCCGTCAT
 CTCTTGTAGCACAAATGCTGGTCAGGGAACCTCATCAAGCCTCCGACCCCTTTCTTTCCG
 CTGAATGCCTCTGTGTGCAAGGCCACTCCTGGACTGGGCCAGTTATGGCCTGCCTGCC
 GTGGTGTGCGCCACAGGCAGATCTCTGCACTGCCTGCTCATGCCCTGGGCAGTACCGG
 GGAGTCATGCACTT

Restriction Sites:

NotI-NotI

ACCN:

NM_016223

Insert Size:

1910 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:

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.