

Product datasheet for **RC230059**

PACSIN3 (NM_001184974) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PACSIN3 (NM_001184974) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PACSIN3
Synonyms:	SDPIII
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC230059 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTCCAGAAGAGGACGCTGGAGGGGAGGCCTTAGGGGACAGTTTCTGGGAGGCTGGCAACTACAGGC
 GCACGGTACAGCGGGTGGAGGACGGGCACCGGCTGTGCGGGACCTGGTCAGCTGCTTCCAGGAGCGCGC
 CCGCATCGAGAAGGCTTATGCCAGCAGTTGGCTGACTGGGCCCGAAAAGTGGAGGGGACCGTGGAGAAG
 GGCCCCAGTATGGCACACTGGAGAAGGCTGGCATGCCTTTTTACGGCGGCTGAGCGGCTGAGCGCGC
 TGCACCTGGAGGTGCGGGAGAAGCTGCAAGGGCAGGACAGTGAGCGGCTGCGCGCTGCCAGCGGGGGC
 TTTCCACCGGCTGTGCTGGGCGGCTCCGCGAGAGCCGGGCGGCCGAGGACGGCTCCGCAAGGCCAG
 AAGCCCTGGTGAAGAGGCTGAAGGAGTTGAGGCTTCCAAGAAAAGCTACCACGCAGCCCGAAGGATG
 AGAAGACCGCCAGACGAGGGAGAGCCACGAAAGGCAGACAGCGCCGTCTCCAGGAGCAGCTGCGCAA
 ACTGCAGGAACGGGTGGAACGCTGTGCCAAGGAGGCCGAGAAGACAAAAGCTCAGTATGAGCAGACGCTG
 GCAGAGCTGCATCGCTACACTCCAGCTACATGGAGGACATGGAACAGGCCCTTTGAGACCTGCCAGGCCG
 CCGAGCGCCAGCGGCTTCTTTTCTCAAGGATATGCTGCTCACCTTACACCAGCACCTGGACCTTCCAG
 CAGTGAGAAGTTCATGAATCCACCGTGAATTGCACCAGGGCATTGAGGCAGCCAGTGACGAAGAGGAT
 CTGCGCTGGTGGCGCAGCACCCACGGGCCAGGCATGGCCATGAATGGCCACAGTTCGAGGAGTGGTCTT
 TGGACACACAGAGGACAATCAGCCGAAAGAGAAGGTTGGCCGGAGCCCTGATGAGGTTACCCTGACCAG
 CATTGTGCCTACAAGAGATGGCACCGCACCCCCACCCAGTCCCCGGGTCCCAGGCACGGGCGAGGAT
 GAGGAGTGGTCAAGAGAGTCCCCGGAAGGCTGCCACCGGGTTCGGGTGAGGGCACTCTATGACT
 ACGCTGGCCAGGAAGCTGATGAGCTGAGCTTCCGAGCAGGGGAGGAGCTGCTGAAGATGAGTGAGGAGGA
 CGAGCAGGGCTGGTGCCAAGGCCAGTTGCAGAGTGGCCGCAATTGGCTGTACCCTGCCAACTACGTGGAG
 TGTGTGGGCGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230059 protein sequence
 Red=Cloning site Green=Tags(s)

MAPEEDAGGEALGGSFWEAGNYRRTVQRVEDGHRLCGDLVSCFQERARIEKAYAQLADWARKWRGTVEK
 GPQYGTLEKAWHAFFTAERLSALHLEVREKLQGQDSERVRAWQRGAFHRPVLGGFRESRAAEDGFRKAQ
 KPWLKRLKEVEASKKSYHAARKDEKTAQTRESHAKADSAVSQEQLRKLQERVERCAKEAEKTKAQYEQTL
 AELHRYTPRYMEDMEQAFETCQAAERQRLFFKDMLLTLHQHLDLSSSEKFHELHRDLHQGIEAASDEED
 LRWWRSTHGPGMAMNWPQFEWSLDTQRTISRKEKGGSPDEVTLTIVPTRDGTAPPPQSPGSPGTGQD
 EEWSDEESPRKAATGVRVRALYDYAGQEDELDFRAGEELLKMSEEDEQWQCQQLQSGRIGLYPANYVE
 CVGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6058_c12.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001184974

ORF Size: 1272 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001184974.2](#)

RefSeq Size: 1913 bp

RefSeq ORF: 1275 bp

Locus ID: 29763

UniProt ID: [Q9UKS6](#)

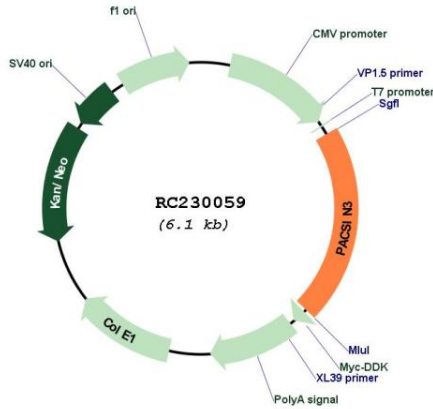
Cytogenetics: 11p11.2

Protein Families: Druggable Genome

MW: 48.5 kDa

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]

Product images:



Circular map for RC230059