

Product datasheet for **RN201533**

Pacsin2 (NM_130740) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pacsin2 (NM_130740) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pacsin2
Synonyms:	SdplI
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201533 representing NM_130740
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTGTACCTACGATGATTCTGTGGGAGTGAAGTGTCCAGCGACAGCTTCTGGGAGTTCGGGAACT
 ACAAACGACTGTGAAGCGGATTGATGATGGCCACCGCCTGTGTGGTGACCTCATGAACTGTTTGCACGA
 GCGGGCACGTATCGAGAAGGCATATGCACAGCAGCTCACTGAGTGGGCCCGACGCTGGAGACAGCTTGTA
 GAGAAGGGACACAGTATGGGACCGTGGAGAAGGCCTGGATGGCTGTCTGAGGCAGAGAGAGTGA
 GCGAGCTACACCTGGAAGTGAAGGCATCACTGATGAACGAAGACTTTGAGAAGATCAAGAAGTGGCAGAA
 GGAAGCCTTTCACAAGCAGATGATGGGAGGCTTCAAGGAGACCAAGGAAGCAGAGGATGGCTTTCGGAAG
 GCCCAGAAGCCCTGGGCCAAGAAGCTGAAAGAGGTGGATGCGGCAAGAAAGCACACCACACAGCGTGCA
 AAGAGGAGAAGCTGGCCGCTCCCGGGAAGCCAACAGCAAAGCAGATCCATCCCTCAACCCTGAGCAGCT
 GAAGAAATGCAAGACAAGATAGAAAAGTCAAGCAGGACGTTCTAAAGACCAAGGACAAGTATGAGAAG
 GCCTGAAGGAGCTTGACCAGACTACACCGCAGTACATGGAGAACATGGAGCAGGTGTTGAGCAGTGCC
 AGCAGTTTGAAGAGAAGCGCCTGCGCTTCTCCGAGAGGTTCTGCTGGAGGTTGAGAAGCACTTGGACCT
 GTCCAATGTGGCTAGCTACAAAGGCATTTACCGGAGCTGGAGCAGAGCATCAAAGCAGCTGATGCTGTG
 GAGGACCTGAGGTGGTCCGAGCTAACCATGGGCCAGGCATGGCTATGAACTGGCCACAGTTTGAGGAGT
 GGTCTGCAGATCTGAATCGAACTCTCAGCCGAAGAGAGAAGAAGAAGGCTGCTGATGGTGTCAACCCTAAC
 AGGAATCAACCAGACAGGTGACCACTGAGCAGACAAGCCTAGCAGCAACCTTAGTGTCCCGAGCAAC
 CCCGCCAGTCCACGCAGTTACAGTCCAGCTACAACCCCTTCGAGGACGAGGACGACACGGGCAGCAGCG
 TCAGTGAGAAGGAGGACATTAAGGCCAAAAATGTCAGCAGCTATGAGAAGACTCAGAATTACCCCGCTGA
 CTGGTCTGATGATGAGTCTAACAACCCCTTCTCCTCCACGGATGCCAATGGGGACTCTAACCCGTTTGAC
 GAGGACACTACCTCAGGAACAGAAGTGGCAGTTCGAGCCCTCTATGACTATGAGGACAAGAACACGATG
 AGCTGAGCTTCAAGGCTGGGGATGAGCTGACCAAGATAGAGGATGAAGATGAACAGGGTTGGTGAAGGG
 ACGTTTAGACAGTGGCCAGGTTGGCCTATACCCAGCCAATATGTCGAGGCTATCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_130740

Insert Size: 1461 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_130740.2](#), [NP_570096.2](#)
RefSeq Size: 3200 bp
RefSeq ORF: 1461 bp
Locus ID: 124461
UniProt ID: [Q9QY17](#)
Cytogenetics: 7q34
Gene Summary: splice variant of syndapin II; may play a role in endocytosis and organization of the actin cytoskeleton [RGD, Feb 2006]