

Product datasheet for **RN207341**

Pacsin1 (NM_017294) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pacsin1 (NM_017294) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pacsin1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207341 representing NM_017294 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGGCCCTACGATGAGGCCTCGGAGGAGATCACAGATAGCTTCTGGGAGGTGGGAACTACAAGC
GGACGGTGAAGCGCATCGACGATGGGCACCGCTTGTGCAACGACCTCATGAGCTGCGTGCAGGAGCGCGC
CAAGATCGAGAAGGCATACGCGCAGCAGCTCACCGACTGGGCCAAGCGCTGGCGCCAGCTCATCGAGAAA
GGTCCCCAGTATGGCAGCCTGGAGCGGCTGGGGCGCCATGATGACTGAGGCAGACAAAAGTCAGCGAGC
TGCACCGAGGTTGAAGAACAGCCTACTGAACGAGGACCTGGAGAAAGTCAAGAAGTGGCAGAAGGATGC
CTACCACAAGCAGATCATGGGCGGCTTCAAGGAGACGAAGGAGCGGAGGATGGCTTCCGAAAGGCTCAG
AAGCCCTGGGCTAAGAAGATGAAGGAGCTGGAGGCAGCCAAGAAGGCCTATCACTTGGCTTGCAAGGAGG
AGAAGTTGGCCATGACCCGGGAGATGAACAGTAAGACGGAGCAGTCGGTCAACCCCTGAACAGCAGAAGAA
ACTTGTGGATAAAGTGGACAAAATGCAGGCAGGATGTACAAAAGACTCAGGAGAAGTATGAGAAGGTGCTG
GAAGATGTGGCAAGACCACCCGAGTACATGGAGGGTATGGAGCAGGTGTTGAGCAGTGCCAGCAGT
TTGAGGAGAAGCGGCTGGTCTTCTGAAGGAAGTCTGCTAGATATCAAACGGCATCTCAACCTAGCGGA
GAACAGCAGCTACATTCACGTCTATCGAGAACTGGAGCAGGCCATCCGAGGGGCCGATGCCAGGAGGAC
CTCAGGTGGTTCCGTAGCACCAGTGGCCCCGGGATGCCATGAACTGGCCGAGTTCGAGGAGTGGAAACC
CAGACCTCCCCACACCGCTGCCAAGAAGGAGAAACAGCCTAAGAAGGCAGAGGGGGCCGCCCTGAGCAA
TGCCACTGGGGCTGTAGAATCTACATCCCAGGCTGGGGACCGTGGCAGTGTGAGCAGCTATGACCGAGGC
CAAGCGTATGCCACCGAGTGGTCAAGCAGATGAGAGCGGAAACCCCTTTGGGGGAAACGAGGCCAATGGTG
GCGCCAACCCCTTCGAGGACGATGCCAAGGGAGTTCGTGTACGGGCACTCTATGACTACGACGGTCAGGA
GCAGGATGAGCTCAGCTTCAAGGCCGAGACGAGCTCACCAAGCTCGGAGAGGAGGACGAACAGGGTTGG
TGCCGCGGGCGGCTGGACAGCGGGCAGCTGGGCCCTCTATCTGCCAACTACGTTGAGGCTATATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017294
Insert Size:	1326 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:	<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_017294.1</u> , <u>NP_058990.1</u>
RefSeq Size:	1597 bp
RefSeq ORF:	1326 bp
Locus ID:	29704
UniProt ID:	<u>Q9Z0W5</u>
Cytogenetics:	20p12
Gene Summary:	may regulate cytoskeletal dynamics; may play a role in synaptic vesicle recycling [RGD, Feb 2006]