

Product datasheet for MC200174

Pacsin3 (NM_030880) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pacsin3 (NM_030880) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pacsin3
Synonyms:	4921507A02Rik; 6330413E15Rik; AW413130
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003884 sequence for NM_030880
 CTGAGCGTGGCCAGATCCCCCTAACCCACCGAGGGCCCCCTGAGAGGACACGACAGGCTCATAGTGGCAGC
 TTGGAGACTTGGACACGGGTCTTGAAGTGATCTGGAGACCCAGCACCACATCTGCCACCATTCCGTGC
 TGCAGGGATACCATGGCTCCAGAGGAGGACGCCGAGGGGAGGTCTAGGGGGCAGTTTCTGGGAGGCTG
 GCAACTACAGACGGACGGTGCAGAGGGTTGAGGATGGGCACAGGCTGTGTGGGGACCTGGTTAGCTGCTT
 CCAAGAACGTGCCCGCATTGAGAAGGCCTACGCCAGCAGCTGGCTGACTGGGCCCGCAAGTGGAGGGGT
 GCTGTGGAGAAGGGCCACAGTACGGCACCCCTGGAGAAGGCCTGGCATGCCTTCTCACTGCGGCTGAGA
 GGCTGAGCGAGCTGCACTTGGAGGTGAGGGAGAAGTTGCACGGTCCAGACAGCGAGCGAGTGGGACCTG
 GCAGCGAGGGGCTTTCCACCGGCCAGTGTGGGGGCTTTCGGGAAAGCCGGGCTGCAGAGGATGGTTTC
 CGTAAAGCTCAGAAGCCCTGGCTAAAGAGGCTGAAGGAGTTGAGGCTTCTAAGAAGAGCTACCACACAG
 CCCGCAAGGATGAGAAGACAGCCAGACCCGGGAGAGCCACGCGAAGGCAGACAGCTCCATGTCCCAGGA
 GCAGCTTCGAAAATTACAGGAGCGGGTGGGCCGCTGCACCAAGGAGGCAGAGAAGATGAAAACCCAGTAT
 GAGCAGACCCTGGCCGAGCTAAATCGCTACACCCACGCTACATGGAGGCATGGAGCAGGCTTTTGAGA
 GCTGCCAGGCTGCTGAGCGCCAGCGGCTTCTCTTCAAGGATGTCTTGCTCACCTGCATCAACACCT
 CGACCTCTCCAGTAGCGACAAGTTCCATGAACTCCATCGAGACCTGCAGCAGAGCATTGAGGCTGCCAGT
 GATGAAGAGGATCTGCGCTGGTGGCGGAGCACACAGGGCCTGGCATGGCCATGAACTGGCCACAGTTTG
 AGGAATGGTCGTTAGACACACAGAGAGCCATCAGCCGCAAGGAGAAGGGTGGCCGAGCCAGATGAGGT
 TACTCTGACCAGCATTGTACCGACAAGAGATGGCACCCGACCCCCACCCAGTCCCCATCGTCCCCGGGT
 AGCGGGCAGGACGAGGACTGGTCAGATGAGGAGATCCCCGAAAGTTGCCACTGGGTGAGGGTACGGG
 CGCTTTATGACTATGCTGGCCAGGAGGCTGATGAGCTGAGCTTCCGAGCAGGGGAAGAGTTGCTGAAGAT
 GAGCGAGGAGGATGAGCAGGGCTGGTGCCAGGGCCAGCTGCAGAGTGGCCGATTGGTCTGTACCCTGCC
 AATTACGTAGAATGTGTGGGCGCCTGAGTGCCCTGACAGCCCTACCAAGGCGTCTCTGACCTGGGCCA
 GAGCTTAACCCTTCTGGACTGCTGGACCTGAAGGCCCTGAACCATGTGCTGCTGCTCTCTTTTCC
 CACAGGAGGAAGTCTCAGGGCCATGAAGGGCAGGGTCTGTGTCTAGAGTTGGAGGTTGGAATGATGGA
 GGGTCGAGAGGTGCCGAGCCTCCTCGGAAACATTTGGGTATCCAGAGTGGGAGGATCCAGCTCCTAA
 ACTGTTTAGGAGTTCTGGGGTGGGTTGGGAGAATGTAGTTTGGAGCTGGCAGCACCTCTTTTGTGA
 CTTGTAGTGTGCATTAATTTGATTAAGAATAAAAACCCCATCAAGTGTAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_030880
Insert Size:	1275 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:	BC003884 , AAH03884
RefSeq Size:	1814 bp
RefSeq ORF:	1275 bp
Locus ID:	80708
UniProt ID:	Q99JB8
Cytogenetics:	2 E1
Gene Summary:	<p>Plays a role in endocytosis and regulates internalization of plasma membrane proteins. Overexpression impairs internalization of SLC2A1/GLUT1 and TRPV4 and increases the levels of SLC2A1/GLUT1 and TRPV4 at the cell membrane. Inhibits the TRPV4 calcium channel activity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, compared to variant 1. Variants 1 through 4 encode the same protein.</p>