

## Product datasheet for **MR229838**

### **Pacsin3 (NM\_001289677) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pacsin3 (NM_001289677) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pacsin3
Synonyms:	4921507A02Rik; 6330413E15Rik; AW413130
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR229838 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCCAGAGGAGACGCCGAGGGGAGGTCCTAGGGGACAGTTTCTGGGAGGCTGGCAACTACAGAC  
 GGACGGTCAGAGGGTTGAGGATGGGCACAGGCTGTGTGGGACCTGGTTAGCTGCTTCCAAGAAGCTGC  
 CCGCATTGAGAAGGCCTACGCCACGAGCTGGCTGACTGGGCCCAAGTGGAGGGTGTGTGGAGAAG  
 GGCCACAGTACGGCACCTGGAGAAGGCCTGGCATGCCTTCTCACTGCGGCTGAGAGGCTGAGCGAGC  
 TGCACCTGGAGGTGAGGGAGAAGTTGCACGGTCCAGACAGCGAGCGAGTGCAGGCTGGCAGCGAGGGGC  
 TTTCCACCGCCAGTGTGGGGGCTTTCCGGAAAGCCGGGCTGCAGAGGATGGTTCCGTAAGCTCAG  
 AAGCCCTGGCTAAAGAGGCTGAAGGAGTTGAGGCTTCTAAGAAGAGCTACCACACAGCCCGCAAGGATG  
 AGAAGACAGCCAGACCCGGGAGAGCCACGCGAAGGCAGACAGCTCCATGTCCAGGAGCAGCTTCGAAA  
 ATTACAGGAGCGGGTGGCCGCTGCACCAAGGAGGAGAGAGAAGATGAAAACCCAGTATGAGCAGACCTG  
 GCCGAGCTAAATCGCTACACCCACGCTACATGGAGGACATGGAGCAGGCTTTTGGAGAGCTGCCAGGCTG  
 CTGAGCGCCAGCGGCTTCTTCTTCAAGGATGTCTTGCTCACCTGCATCAACACCTCGACCTCTCCAG  
 TAGCGACAAGTTCATGAATCCATCGAGACCTGCAGCAGAGCATTGAGGCTGCCAGTGTGAAGAGGAT  
 CTGCGCTGGTGGCGGAGCACACCGGCCCTGGCATGGCCATGAATGGCCACAGTTTGGGAATGGTCGT  
 TAGACACACAGAGGCCATCAGCCGCAAGGAGAAGGGTGGCCGGAGCCAGATGAGGTTACTCTGACCAG  
 CATTGTACCGACAAGAGATGGCACCGCACCCCAAGTCCCATCGTCCCGGGTAGCGGCAGGAC  
 GAGGACTGGTCAAGTGAAGAGAGTCCCGGAAAGTTGCCACTGGGGTGAAGGTTGCTGAAGATGAGCGAGGAGGA  
 ATGCTGGCCAGGAGGCTGATGAGCTGAGCTTCCGAGCAGGGGAAGAGTTGCTGAAGATGAGCGAGGAGGA  
 TGAGCAGGGCTGGTCCAGGGCCAGCTGCAGAGTGGCCGATTGGTCTGTACCCTGCCAATTACGTAGAA  
 TGTGTGGGCGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR229838 protein sequence  
 Red=Cloning site Green=Tags(s)

MAPEEDAGGEVLGGSFWEAGNYRRTVQRVEDGHRLCGDLVSCFQERARIEKAYAQLADWARKWRGAVEK  
 GPQYGTLEKAWHAFFTAERLSELHLEVREKLHGPDSERVRTWQRGAFHRPVLGGFRESRAAEDGFRKAQ  
 KPWLKRLKEVEASKKSYHTARKDEKTAQTRESHAKADSSMSQEQLRKLQERVGRCTKEAEKMKTYEQL  
 AELNRYTPRYMEDMEQAFESCQAAERQRLFFKDVLLTLHQHLDLSSSDKFHLEHRDLQQSIEAASDEED  
 LRWWRSTHGPGMAMNWPQFEESLDTQRAISRKEKGGSPDEVTLTIVPTRDGTAPPPQSPSSPGSGQD  
 EDWSDEESPRKVATGVRVRALYDYAGQEDELFRAGEELLKMSEEDEQWCQQLQSGRIGLYPANYVE  
 CVGA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

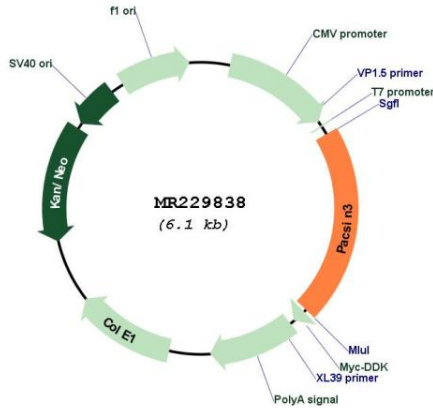
SgfI-MluI



**MW:** 48.6 kDa

**Gene Summary:** 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]

**Product images:**



Circular map for MR229838