

## Product datasheet for **SC214708**

### **PACS1 (NM\_018026) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PACS1 (NM_018026) Human 3' UTR Clone
Symbol:	PACS1
Synonyms:	MRD17; SHMS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018026
Insert Size:	1494 bp



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**Insert Sequence:** >SC214708 3'UTR clone of NM\_018026  
 The sequence shown below is from the reference sequence of NM\_018026. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGACTCTTCAGTGGCAGCAAGGCCACCTGAGGCCCTGTCTCCAGCCACTTCCCTCCTGGCACTGCCA
CCAGCCTCACCGCTGCGGGCAGGGGAGGCCAGCAGGCCCGGGCCAGCACCCCTTCCCTGGCACCAG
GGTCTGCCTCTACTCGCCAGGTCCCAGGACACTGCCACAGGGACGCCTTCCCTCCCCTCCCCTCC
AGCCACCCCTGCACAGCCCTCCTCCTTCCCGCTTTTCCCTTCTCCCTCCTGTCCAGGCCAAAGGC
GTGTTGGTTTTGCCTTCTGGTGCCATAGTCCCCTGGACTGAGTCCCCCAGGCCCTCCTTACCCTGACT
TCCAACTCTTCTTGTGGTATCAGTTTCTTCTCGAAATGAGAAAGCTGGAATCCTGGTCCCCAGCA
GGAGAGCCTAGTCTCCCCAGCCCTCCAGCCACCAGGGTGTCTCTAGGATGCAGCTGCCAGATCCA
CTACTCTGCTGCCTCCAGCAGGACCCAAGGCCACTTTCAACTCTTATGGGGTTCTCCACCTGCCCCAG
AGCTTCTCAAGGGAGGGTAAGGGGGCACCTGAGCCACAGGACCCTACTTACAGCTCACAGGGGCA
GGAGGCAGCTCCCTGCCTCCAGGACCCTGTTGCTATGGTGACACAGCGTTTCTAGGACAGAGGGGCT
CCCAGTCTCCCCCACCACCCGTGCACGACTTCTCACCACCCCCAGGTTCCCTGCAGATGTCGTGTGT
GTCCTGAGTGTCTTTGGTTCTTTGCACGCCAAGTCTCTTGGTTGTACCATGTGACACACCCTGTGCA
CTGGTTCGCTGTCTTCGTGGCTTCCACCCTTGTTAATGATGCTCCTGCCTCTGCCTCCCAGCCCTCACC
CAGCACAGCTCTGCCTGGACTTGAGAGATGGGAGGCAGACCCCAACCACATACATGCTGTCTGTGGC
CCCTCAGACATTCTGTTTCATCTCCATTCTCCCTCCTCCCACCGTGTGAGTTTTTCTGCCTTTCC
CTGCTGTCTTCCCCCTCCTTAGGCCCCAGCCTGGGCCAGACCCATCCTCCCAGCCAGGTTTTCCCT
CCAGCAGCTCCTTCCCTCCCTGTACCTCCCTCTCACCAACCCGGGGTCTGAGCCCTCATTCTCGAC
CGTCCGTGTTCTCAGGAGTGGTTGAGGACACAGGGCCCCAGCCAGCCCTCTGCACCCCCAGCCCGGC
CATCTGCGCCCCACAGCCCTTTGGAGCTTTTCTTGTCTCTCACTCCTTCCCAGAAGTTTTTGCAC
AGAAGTTCATTTTGAAGTGTTTTTTCTATTCTCCATACCTCCCCAAGCTCTCTCCAGCCCTTCCCA
GGGCTCAGCCCTGCTGTCTGAGCGTCTCTGGGCCAGAGAGAGGAGATGGGGGTGGGAGGGACTGAGT
TGATGTTGGGTTTTTCAATCAATAAATTGGTGATTTCTTACCGAC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-Mlul

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_018026.4](#)

**Summary:** This gene encodes a protein with a putative role in the localization of trans-Golgi network (TGN) membrane proteins. Mouse and rat homologs have been identified and studies of the homologous rat protein indicate a role in directing TGN localization of furin by binding to the protease's phosphorylated cytosolic domain. In addition, the human protein plays a role in HIV-1 Nef-mediated downregulation of cell surface MHC-I molecules to the TGN, thereby enabling HIV-1 to escape immune surveillance. [provided by RefSeq, Jul 2008]

Locus ID: 55690

MW: 53