

Product datasheet for **SC108430**

PHACTR3 (NM_080672) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHACTR3 (NM_080672) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHACTR3
Synonyms:	C20orf101; H17739; PPP1R123; SCAPIN1; SCAPININ
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_080672, the custom clone sequence may differ by one or more nucleotides

```

ATGGCCGCGTCGGAGGACGGGAGCGGCTGCCTCGTGTGCGGGGCGCTCGCAGAGTGACCCAGCGTCC
TCACCGACTCCTCGGCCACCTCCTCCGCGGACGCCGGGAGAACCCAGATGAGATGGACCAACGCCCC
GGCGCGTCTGAATATCTGGTCTCAGGATTGAACTCCCCTGTGAGGAGGAACAGCAAACTGGCCACC
CTGGGCGAGGATCTTCAAACCTGGAAATGGAGGAAAAAGAAAAAGCAAACTGAAGCAGACAACGTCAG
CGCTGGAGAAGAAGATGGCCGGCAGGCAAGGCCGAGAGGAGCTCATCAAGAAGGGGCTGTGGAGATGAT
GGAGCAGGATGCTGAAAGCAAACTTGCAACCCGATGGAGGACCCGATCTGTACAGAGTGAACCAACC
ACTCCCAAGTCGGAGACGCTGACTTCAGAAGATGCCCAGCCCGGAAGCCCTTGGCCACTGGGACGGACC
AGGTCTCCCTGGACAAGCACTGTCTCAGCTGCCCACTTGACGATGCAGCCAAGATGCCTTCTGCATC
CAGTGGTGAAGAAGCAGACGCTGGCAGCCTCCTGCCACCACCAATGAGCTCTCCAAGCCTTAGCTGGG
GCTGACTCCCTGGACAGTCTCCAGACCTCTGGAGAGATCCGTGGGCCAGCTCCCAGCCCCCACTGC
TGCCCACTCCGCCACCAAGGCAAGCTCCAAAACCACAAAAATGTCACAGGCCAAGCCACACTCTTCCA
AGCCTCCAGCATGAAGATGCGGACCTTCCCTCCGGGGCAGCTCTCCACCCACGGGTCTCCGCAT
CTCACCACGGTCCACCGGCTCTTCCCCAAGCCGCTCATTGAGGAGCTGCACAGGGCGCTGGCCACGA
AGCACCGCCAGGACAGTTTTCAAGGAAGAGAAAGTAAAGGGTCTCAAAGAAGCGGCTGGATGTCGGTCT
GTGAGAACGTCACGCTGGAGCGGGGCAAGGAGAGGGAGGAGGCTTGGAGCTTTGACGGGCGATTGGAG
AACAGCGAAGTCCCGCTAAGGAATCTGAGGAGAACAGGAGAACCTGATCATAAATTCTGAACCAAG
ACGACTTGCTTTTGTATCAGGACGAGGAGGCGCTGAACGACTCCATTATTTTGGAACTGCCACGGAA
ATGCAAGAAGGAGCTCCTGGCCGTGAAGCTAAGGAACCGGCCAAGCAACAGGAAGTGAAGACCGGAAC
ATTTTCCCAAGGAGTGAAGAAAGACAGGAGATCCGGCAGCAGATCGAGATGAAGCTTCCAAAC
GGCTGAGCCAAAGACCTGCCGTGGAAGAGCTGGAGAGAAGAAATATCTTGAACAAAGGAATGATCAGAC
AGAGCAGGAAGAAAGAGAGAAATCAAGCAAGATTGACAAGAAAGCTTATCAGAGACCACTGTTGAT
GAATTAAGAGACAGAAAAATTCTGATACGATTAGTGATTACGTGGAAGTAGCAAAAGCGCAGGACTATG
ACAGGAGGGCAGACAAACCTGGACGAGACTGTCAGCAGCAGATAAGGCAGCAATTCGTAAGAATTAA
TGAGTACAAAAGTAATGAAATGGAGGTACATGCATCAAGCAAGCACTTGACAAGATTCCACAGGCCATAG

```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_080672 unedited

```

TTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGCGAGGCTATTGTCTCCCC
GCCCTGAAGCCAGCCCCGGCGTCTTTCTCCAGCTCGTTTCCTTTCCCGGCTTTTTTTTT
TTTTTTTTTTTTTAATTTCTTTTTTAAAAAGACGCCCTCCAGCCCCCTCGCCGGTG
ACCTTGGCCGCTCGGATGCTCTGATTCCACGCGGCTCGCTCTAATTGCCCCGCGCCG
GCCGGGCCATGGCCGCGTCGGAGGACGGGAGCGGCTGCCTCGTGTGCGGGGCGGCTCG
CAGAGTGACCCAGCGTCTCACCAGACTCCTCGGCCACCTCCTCCGCGGACGCCGGGAG
AACCAGATGAGATGGACCAACGCCCGCGCGTCTGAATATCTGGTCTCAGGGATT
CGAACTCCCCCTGTGAGGAGGAACAGCAAACTGGCCACCCTGGGCAGGATCTTCAAAACC
TGGAATGGAGGAAAAAGAAAAAGCAAACTGAAGCAGACAACGTCAGCGCTGGAGAAG
AAGATGGCCGGCAGGCAAGGCCGAGAGGAGCTCATCAAGAAGGGGCTGCTGGAGATGATG
GAGCAGGATGCTGAAAGCAAACTTGCAACCCGATGGAGGACCCGATCTGTACAGAGT
GAACCACCACTCCCAAGTCGGAGACGCTGACTTCAGAAGATGCCAGCCCGGAAGCCCC
TTGGCCACTGGGACGGACAGGTCTCCTGGACAGCCACTGTCTAGCTGCCACTTGNA
CGATGCACCAAGATGCTTTGCATCCATGGGTGAAGAACAGACGCTGCAGCCTCCTGCCCA
CCACATGAGCTCTCCAGCCTACTGGGGGCTGACTCCTGGCAGTCTC

```

3' Read Nucleotide Sequence:

[illegible]

Restriction Sites:

NotI-NotI

ACCN:

NM 080672

Insert Size:

2500 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 080672.3, NP 542403.1

RefSeq Size:

2728 bp

RefSeq ORF:

1680 bp

Locus ID:

116154

UniProt ID:

O96KR7

Cytogenetics:

20q13.32-q13.33

Domains:

RPEL

Gene Summary:

This gene encodes a member of the phosphatase and actin regulator protein family. The encoded protein is associated with the nuclear scaffold in proliferating cells, and binds to actin and the catalytic subunit of protein phosphatase-1, suggesting that it functions as a regulatory subunit of protein phosphatase-1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).