

Product datasheet for **SC214779**

PSIP1 (NM_033222) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PSIP1 (NM_033222) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PSIP1
Synonyms:	DFS70; LEDGF; p52; p75; PAIP; PSIP2
ACCN:	NM_033222
Insert Size:	1484 bp



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Insert Sequence: >SC214779 3'UTR clone of NM_033222
 The sequence shown below is from the reference sequence of NM_033222. 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
TCTCTGAAGGATTCTACACTAGATAACTAGGTTGACATACCTGGAATATAGAGAACACTTGAGAAGTTT
GTAATGGTTTTTCATTTGAAATAGACTGCTGAAAGTTTTAAATTTTTATAAGCATAGGTTTGTGTTGAA
AACTTGTTTTGAGGGAGAAAATCCCTTTGTTTTAAAGTAAAGTAAACATTATCGCTAAGTGTACTTGTG
CAGTATTAACAGCTACATTATACAGTAAATGTGGGATAAAATCCATTTAGAAAATGTTAAACTGCTTTT
CCAGACATGGTTGTAGCATATTTTCAATTAGTGTGTGTATGTTAATGTGTAATTGATAGTAGAACAAAG
TTACATTTTTAAACTGCTACTTGTATAAACCTTGCCCTTTTTCCCAAATACTGTGGGTTTTGTGCATA
GTTTTTACAAACCTTGGATTTACCAGACTGTCTTTTCACTGTTTTGTGGGTTTTGTAGAAGTTACACATT
TTTATGGTAGATAAAAATGTTACTTCTATACAAGTACTCACTCCCTTTTTATCAAAAAGTTAATTTTTAATC
TCACAGCTACATTGTGCTACATTATCCAGCTTCTTTGGAACAATGTGTGCTCTGTATGGTTTTTTTTTG
GTATGACAACATAATTAAGCAACTGACATGGAAGTCTACAAAATAAAAACATTAATTTTTGA
AGGTAATTTAGTTTTGTGGCTGGGCATTAGTGAAGTCTTAGGACTTCTTTGCAGACAACACTGACTGGGT
ATATATAGGAATGAATCTGGCTTTAGGGTTAAATCATTAAAGGTCCTTTTATAGGCAGGCACTAGTAAC
TAAAACGAAAACAAAGTAAAGTTATTTTTGAGGAATGTTGTTAAAAATGTCTTTAGGAAGTCACTAAA
ACTTAATTGGAAGAAAAATCATGATGCTTATACAATAAATATGAATAAATGTTATATAAGGAACTCA
CCTATTTGAAATCATGGCTATATTGTTTTATTTTCTAGATTCCAAAAATACAAACACTAGTTGTTCCA
GCATTGTACTTTGATAAGTCTGTACATTGACGTGTATGGACTAAATCCAGGGTAAAAATCAATGTTACAA
AATTTAAGGGTATGTTAACTAAAGGATAGCATTCTAAGATATTTTGAATATTAGGGTCATTTGGCACT
TCTCAGCAAGTAGGATACTTCTCATGTTTTGAAATTATATGAATATGGAAAAAATGGCTTAAGACCAG
CGTCTCTGTATGACATTGTGTGGTTGACCCTCTGAGATAACTGTTTTCATCTACAGAATTGCATTTTTG
CTTTTAAAGAGGTCTTATAATGGAACAGGAATCACCGTTTTGAGAGAACCTGCATATATACCAGTCAT
TATCTGTTTGGTCTTATACAGTTTTAACTTACTTAGATTTATTCTAGTTAAGCCATAAGTTCAACGTG
TAACTTGTTTTCATTAAGAATTTTTCTATCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_033222.5](#)

Summary: Transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. Involved in particular in lens epithelial cell gene regulation and stress responses. May play an important role in lens epithelial to fiber cell terminal differentiation. May play a protective role during stress-induced apoptosis. Isoform 2 is a more general and stronger transcriptional coactivator. Isoform 2 may also act as an adapter to coordinate pre-mRNA splicing. Cellular cofactor for lentiviral integration.[UniProtKB/Swiss-Prot Function]

Locus ID: 11168

MW: 58.2