

Product datasheet for **RN210530**

Psip1 (NM_175765) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psip1 (NM_175765) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psip1
Synonyms:	Ledgf; Psip2; SBP75
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN210530 representing NM_175765
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTCGCGATTCAAACCTGGAGACCTCATCTTCGCCAAGATGAAAGTTATCCTCATTGGCCAGCTC
 GAGTAGATGAAGTTCCTGATGGAGCTGTAAAACCAACCACAAACAACTACCCATTTCTTTTTGGAAC
 CCACGAGACTGCTTTTTAGGACCAAAGGACATATTTCTTATTAGAAAATAAGGAAAAGTATGGCAAA
 CCAAATAAACGAAAAGTTTTAATGAAGGATTGTGGGAGATAGATAACAATCCAAAAGTAAAATTTCAA
 GTCAACAGGTATCAACCAACAGTCAAATGCATCATCTGATGTTGAAGCGGAAGAAAAGAACTAGTGT
 TTCAAAGGAAGATACTGATCAGGAAGAAAAGCCAGCAATGAAGATGTGACTAAAGCAGCTGACATAACC
 ACTCCAAAAGCTGCCAGGCGAGGAAGAAAGAGAAAGGCTGAAAAACAAGTAGACTGAAGAGCCAGGAG
 TGGTGACTGCAGCGACCGCTTCCAATGTGAAAGCAAGTCTAAGAGAGGACGGCTGCAGCTACTGAAGT
 CAAGATCCAAAACCAAGAGGCAGACCTAAAGTGGTAAAACAGCCCTGTCCGTGAGAAAGTACATGGTT
 ATTGATGAAGACAAAAGTAAAAAAGGGGCCAGAGGAAAAACCCCAAAAAGCAGCTTAAAAAGGAGG
 AAGAAGGCCAAAAGGAAGAGAGAGCCAAAGAAAAGAACAGATAGAAAAGGGGAAGAAAAGTCCGA
 ATCTAAACCGAAAAATTTAGCTAAACAGGGGTTACGTCAACCTCTGATTGAGAAGATGATGATCAA
 GAAGGTGAAAAGAAGAGAAAGGGTGAAGACACTTCCAGGCTGCTCACAGGAGGAACATGCTAAAAGGCC
 AACATGAGAAAAGAGCTGCAGATCGAAACGCAAGCAGGAGGAACAAATGGAGACTGAGCAGCAGACTAA
 AGATGAAGGAAAAGCCAGAAGTTAAGAAAAGTGGAGAAGCGAGAAACATCAATGGATTCTCGACTT
 CAAAGGATACATGCTGAAATTAATAATCACTCAAATTGATAATCTAGATGTGAACAGATGCATTGAGG
 CACTGGATGAACCTCGCTTCACTCAGGTAACAATGCAACAAGCTCAGAAACACACAGAGATGATCACAAC
 CCTGAAGAAAATCCGGCCGGTCAAAGTCAAGTATCATGGAGAAGTCTACAATGTTGTATAACAAG
 TTTAAGAATATGTTTTGGTGGTGAAGGGGATCCGTCAACCCAAGTCTAAACAAATCTCTTGCTG
 AACAAAGACAGCATGAGGAAGCAATAAAACCAAGATCAAGGGAAGAAAGGGCCAAAACAAAAGCTAGA
 AAAGGAACAAACAGGTACAAAGAGCCTAAATGGAGGATCTGATGCTCAGGAAAAGTATCATCCACAACAT
 AATGGTGACAGTGCAGGAAGAAAGCAAAGACAGCCGTGAGGCCGAGTAAGACAAAGACACCTGGAGAAG
 AGAGAGAGGCTGAAGTATCTCTGAAGGAGTCTACCCTAGATAAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_175765
- Insert Size:** 1587 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_175765.2](#), [NP_786941.1](#)

RefSeq Size: 2559 bp

RefSeq ORF: 1587 bp

Locus ID: 313323

UniProt ID: [Q812D1](#)

Cytogenetics: 5q31

Gene Summary: transcription factor; may mediate survival, adhesiveness, and growth of central lens epithelial cells (LECs) [RGD, Feb 2006]