

Product datasheet for **MC217492**

Psip1 (NM_133948) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psip1 (NM_133948) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Psip1
Synonyms:	AA408851; AU015605; Dfs70; Ledgfa; Ledgfb; Psip2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217492 representing NM_133948
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTCGCGATTCAAACCTGGAGACCTCATCTTCGCCAAGATGAAAGTTATCCTCATTGGCCAGCTC
 GAGTAGATGAAGTTCCTGATGGAGCTGTAAAACCAACCACAAACAACTACCCATTTTCTTTTTGGAAC
 CCATGAGACTGCTTTTTAGGACCAAAGGACATATTTCTTATTAGAAAATAAGGAAAAGTATGGCAAA
 CCAAATAAACGGAAAGGTTTTAATGAAGGATTGTGGGAGATAGATAACAATCCGAAAGTGAATTTTCAA
 GTCAACAGGCATCAACTAAACAATCCAATGCATCGTCTGATGTTGAAGTGGAAAGAAAAGAGACTAACGT
 TTCAAAGGAAGACTGATCAGGAAGAAAAGGCCAGCAATGAGGATGTGACTAAAGCAGTTGACATAACC
 ACTCCAAAAGCTGCCAGGCGAGGAAGAAAGAGAAAGGCTGAAAAACAAGTAGACTGAAGAGCGGGAA
 TGGTGACTGCAGCAACCGCTTCTAATGTGAAAGCAAGTCTAAGAGAGGACGACCTGCAGCTACTGAAGT
 CAAGATCCCAAACCAAGAGGCAGACCTAAAGTGGTAAAGCAGCCTTGCTCTCAGACGGTGACATGGTT
 ATTGATGAAGATAAAAGTAAAAAAGGGACCAGAGGAGAAACAACCTAAAAAGCAGTTAAAAAGAGG
 AAGAAGGCCAAAAGGAAGAGAGAGCCAAAGAAAAGAACAGATAAGAAAAGGGAAGAAAAGTGA
 ATCTAAACGGAAAAATTTAGCTAAACCAGGGGTTACATCAACCTCTGATTGAGAAGCAGAAAGCATCAA
 GAGGGTGAAGAAGAGAAAGGGTGAAGGAACCTCCAGGCTGCTCACAGGAGGAACATGCTAAAAGGCC
 AACATGAGAAAGAAGCTGGAGATCGGAAACGCAAGCAGGAGGAACAAATGGAAACTGAGCAGCAGAATAA
 AGATGAAGGAAAGAAGCCAGAAGTTAAGAAAGTGGAGAAGAAGCGAGAAACATCAATGGATTCTCGACTT
 CAAAGGATACATGCTGAAATTAATAATCACTCAAATGATAATCTAGACGTGAACAGATGCATAGAGG
 CCTGGATGAACTCGCTTCACTCAGGTAACAATGCAGCAAGCTCAGAAACACACAGAGATGATCACAA
 CCTGAAGAAAATACGGCGGTTCAAAGTCAAGTATCATGGAAAAGTCTACAATGTTATATAACAAG
 TTTAAGAATATGTTTTGGTGGTGAAGGAGATTCACTCATCACCCAAGTCTGAAACAAATCTCTTGCTG
 AACAGAGACAGCATGAGGAAGCAATAAAACCAAGATCAGGGGAAGAAAGGGCCAAACAAAAAGCTAGA
 GAAGGAACCAACAGGTACGAAGAGCCTAAATGGTGGATCTGATGCTCAAGAGAGTAATCATCCACAGCAT
 AATGGTGATAGTAACGAAGACGGCAAAGACAGCCGCGAGGCCAGCAGTAAGACAAAGCCACCTGGAGAAG
 AGAGAGAGGCTGAAATATCTCTGAAAGAGTCTACACTAGATAAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_133948

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_133948.5](#), [NP_598709.1](#)

RefSeq Size: 3255 bp

RefSeq ORF: 1587 bp

Locus ID: 101739

UniProt ID: [Q99JF8](#)

Cytogenetics: 4 C3

Gene 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 (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).