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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTCGCGATTTCAAACCTGGAGACCTCATCTTCGCCAAGATGAAAGGTTATCCTCATTGGCCAGCTC
GAGTAGATGAAGTTCCTGATGGAGCTGTAAAACCACCCACAAACAAACTACCCATTTTCTTTTTTGGAAC
CCATGAGACTGCTTTTTTAGGACCAAAGGACATATTTCCTTATTCAGAAAATAAGGAAAAGTATGGCAAA
CCAAATAAACGGAAAGGTTTTAATGAAGGATTGTGGGAGATAGATAACAATCCGAAAGTGAAATTTTCAA
GTCAACAGGCATCAACTAAACAATCCAATGCATCGTCTGATGTTGAAGTGGAAGAAAAAGAGACTAACGT
TTCAAAGGAAGACACTGATCAGGAAGAAAAGGCCAGCAATGAGGATGTGACTAAAGCAGTTGACATAACC
ACTCCAAAAGCTGCCAGGCGAGGAAGAAAGAGAAAGGCTGAAAAACAAGTAGACACTGAAGAGGCGGGAA
TGGTGACTGCAGCAACCGCTTCTAATGTGAAAGCAAGTCCTAAGAGAGGACGACCTGCAGCTACTGAAGT
CAAGATTCCCAAACCAAGAGGCAGACCTAAAGTGGTAAAGCAGCCTTGTCCTTCAGACGGTGACATGGTT
ATTGATGAAGATAAAAGTAAAAAAAAGGGACCAGAGGAGAAACAACCTAAAAAGCAGCTTAAAAAAGAGG
AAGAAGGCCAAAAGGAAGAAGAGAAGCCAAGAAAAGAACCAGATAAGAAAGAAGGGAAGAAAGAAGTTGA
ATCTAAACGGAAAAATTTAGCTAAACCAGGGGTTACATCAACCTCTGATTCAGAAGACGAAGACGATCAA
GAGGGTGAAAAGAAGAGAAAGGGTGGAAGGAACTTCCAGGCTGCTCACAGGAGGAACATGCTAAAAGGCC
AACATGAGAAAGAAGCTGGAGATCGGAAACGCAAGCAGGAGGAACAAATGGAAACTGAGCAGCAGAATAA
AGATGAAGGAAAGAAGCCAGAAGTTAAGAAAGTGGAGAAGAAGCGAGAAACATCAATGGATTCTCGACTT
CAAAGGATACATGCTGAAATTAAAAATTCACTCAAAATTGATAATCTAGACGTGAACAGATGCATAGAGG
CCCTGGATGAACTCGCTTCACTTCAGGTAACAATGCAGCAAGCTCAGAAACACACAGAGATGATCACAAC
CCTGAAGAAAATACGGCGGTTCAAAGTCAGTCAAGTTATCATGGAAAAGTCTACAATGTTATATAACAAG
TTTAAGAATATGTTTTTGGTTGGTGAAGGAGATTCAGTCATCACCCAAGTGCTGAACAAATCTCTTGCTG
AACAGAGACAGCATGAGGAAGCAAATAAAACCAAAGATCAGGGGAAGAAAGGGCCAAACAAAAAGCTAGA
GAAGGAACCAACAGGTACGAAGAGCCTAAATGGTGGATCTGATGCTCAAGAGAGTAATCATCCACAGCAT
AATGGTGATAGTAACGAAGACGGCAAAGACAGCCGCGAGGCCAGCAGTAAGACAAAGCCACCTGGAGAAG
AGAGAGAGGCTGAAATATCTCTGAAAGAGTCTACACTAGATAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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).

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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).

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