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Product datasheet for MC226604

Slbp (NM_001289724) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slbp (NM_001289724) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slbp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226604 representing NM_001289724 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCTGCAGACCTAGAAGCCCACCCGGTTATGGGAGTCGCCGCGACGGTGGTGCGAGCCCGCGGTCCC CTGCGAGATGGAGTCTCGGACGGAAGCGCAGAGCGGACGGAAGGGACCGGAAGCCCGAGGACTCCGAGGA AGGCGAGCTCCAGACTGCGGACCACCGACCTGAAAGCTTTACAACTCCTGAAGGCCATAAGCCCCGTTCT AGATGTTCTGACTGGGCCAGTGCAGTTGAAGAAGATGAAATGAGGACCAGAGTTAACAAAGAGATTGCAA GTTCTGATTCAAAGGAGTCTATGTCTTCAGTGCCTGCTGATGTGGAGACGGATGAAAGTGTCTTGATGAG AAGGCAGAAGCAGATCAACTACGGGAAGAACACTATTGCCTATGATCGATATATTAAAGAGGTGCCCAGA CACCTGCGACAACCTGGAATCCATCCCAGGACCCCCAACAAATTTAAGAAGTACAGCCGGCGGTCATGGG ACCAACAAATTAAACTCTGGAAGGTGGCTTTGCATTTTTGGGATCCTCCTGCTGAAGAAGGATGTGATTT GCAAGAAATACAACCTGTAGATCTTGGGGAAATGGAGACTGAATTCACAGAAAGCAGCTCTGAGTCTCAG ACAAGTTCACAGGATAACTTTGATGTGTATGCTGGCACACCCACCAAAGTCAGACACGTGGACTGCCAAG TGGAGGATGAGTTTGATTTGGAAGCTTGTTTAACTGAACCTTTGAAAGACTTCTCTGCCATGAGTTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001289724
Insert Size:	768 bp

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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001289724.1, NP_001276653.1
RefSeq Size:	1861 bp
RefSeq ORF:	768 bp
Locus ID:	20492
Cytogenetics:	5 B2
Gene Summary:	RNA-binding protein involved in the histone pre-mRNA processing. Binds the stem-loop structure of replication-dependent histone pre-mRNAs and contributes to efficient 3'-end processing by stabilizing the complex between histone pre-mRNA and U7 small nuclear ribonucleoprotein (snRNP), via the histone downstream element (HDE). Plays an important role in targeting mature histone mRNA from the nucleus to the cytoplasm and to the translation machinery. Stabilizes mature histone mRNA and could be involved in cell-cycle regulation of histone gene expression (By similarity). Involved in the mechanism by which growing oocytes accumulate histone proteins that support early embryogenesis. Binds to the 5' side of the stem-loop structure of histone pre-mRNAs.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.