

Product datasheet for SC116017

SLBP (NM_006527) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLBP (NM_006527) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLBP
Synonyms:	HBP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116017 sequence for NM_006527 edited (data generated by NextGen Sequencing) <pre> ATGGCCTGCCGCCGCGAAGCCCGAGGCATCAGAGCCGCTGCGACGGTGACGCCAGC CCGCCGTCCCCCGCGCATGGAGCCTGGGACGGAAGCGCAGAGCCGACGGCAGGCCTGG AGGCCCGAAGACGCCGAGGAGGCAGAGCACCGCGCGCCGAGCGCAGACCCGAGAGCTTT ACCACTCCTGAAGGCCCTAAACCCGTTCCAGATGCTCTGACTGGGCAAGTGCAGTTGAA GAAGATGAAATGAGGACCAGAGTTAACAAGAAATGGCAAGATATAAAGGAACTCCTC ATCAATGACTTTGGAAGAGAGAGAAAATCATCATCAGGAAGTTCTGATTCAAAGGAGTCT ATGTCTACTGTGCCGGCTGACTTTGAGACAGATGAAAGTGTCTAATGAGGAGACAGAAG CAGATCAACTATGGGAAGAACACAATTGCCTATGATCGTTATATTAAGAAGTCCCAAGA CACCTTCGACAACCTGGCATTTCATCCCAAGACCCCTAATAAATTTAAGAAGTATAGTCGA CGTTCATGGGACCAGCAATCAAACTCTGGAAGGTGGCTCTGCATTTTTGGGATCCTCCA GCGGAAGAAGGATGTGATTTGCAAGAAATACACCCTGTAGACCTTGAATCTGCAGAAAGC AGCTCCGAGCCCCAGACCAGCTCTCAGGATGACTTTGATGTGTACTCTGGCACACCCACC AAGGTGAGACACATGGACAGTCAAGTGGAGGATGAGTTTGATTTGGAAGCTTGTTAACT GAACCCTTGAGAGACTTCTCAGCCATGAGCTAA </pre>

Clone variation with respect to NM_006527.2
 453 c=>t


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006527 unedited
TCAAAATTTGTATACGACTCATATAGGGCGGCCGGAATCGGCACGAGGGCGGGACGCGG
GTTTCTGCCTCAGGCCCTGCCCTGCTCTACTCTGCGCTCTGCCCCGCGCCGCCGCCGCC
TCAGCCTCGGCCCTGCGCTGCGCGCCCGGCCCGTGCTGCCATGGCTGCCGCCCGCGAAG
CCCCCGAGGCATCAGAGCCGCTGCGACGGTGACGCCAGCCCGCCGTCCCCCGCGCGATG
GAGCCTGGGACGGAAGCGCAGAGCCGACGGCAGGCGCTGGAGGCCGAAGACGCCGAGGA
GGCAGAGCACCGCGCGCCGAGCGCAGACCCGAGAGCTTTACCACTCCTGAAGGCCCTAA
ACCCCGTTCCAGATGCTCTGACTGGGCAAGTGCAAGTTGAAGAAGATGAAATGAGGACCAG
AGTTAACAAAGAAATGGCAAGATATAAAAGGAACTCCTCATCAATGACTTTGGAAGAGA
GAGAAATCATCATCAGGAAGTTCTGATTCAAAGGAGTCTATGTCTACTGTGCCGGCTGA
CTTTGAGACAGATGAAAGTGTCTAATGAGGAGACAGAAGCAGATCAACTATGGGAAGAA
CACAATTGCCTATGATCGTTATATTAAGAAGTCCCAAGACACCTTCGACAACCTGGCAT
TCATCCCAAGACCCCTAATAAATTTAAGAAGTATAGTCGACGTTTCATGGGACCAGCANAT
CANACTCTGGAAGGTGGCTCTGCATTTTGGGATCCTCCAGCGGAAGAGGATGTGATTTG
CAAGAATACACCCTGTAGACCTTGATCTGCAGAAGCAGCTCCGAGCCCCAGACAGCTCTC
AGGAGACTTTGATGTGTACTCTGGCACACCCACCAGTTGAGACCATGNACAGTCAGTGGN
AGGATGAGTTGATTTGGAAGCTGGTTTACTGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006527 unedited
ACCGCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTGGGTTTTTACCACCCAGGGGAGTTTTTAACCTTATTGGGGGG
GGGGGATCTAAACACTCTGAAAAACCAATCTCGAGTTTTTTTTTTTTTTTTTTTTTGGGG
GTCTTTCTTTTTATTTTGGCATTTCCTTCCAAAGCCATTAACCTTACCGTCTTA
ACAAAAATTTACCATTAATATTTGAACCAAAATTTGACCCCTTTTCATTTACCGCA
ATTTTACCTGGGAAAATAACCGGTTGGTTAAAAAGGTCTTTTTAAACGCTCCCCTCTG
GTGCCCTAACTTTTGGGGATTCTAAAAAGCTAACCTGGGCTTTTACCAGGCCCAAT
TAAACCTTTTAACTTACCTAAACCCATTAGTTTAAACGCTCAATTTAACAATGGCTGA
CTTCAAAAGCTGGTTTGACCTATTGGTAAAAGGGCCAAAATTAAGTTTCCCTAAAAATA
TTAAAGGGGGCTGAAATTCCTTGATGCCCATAAAGGAGCCGACCCTCAATGGGCCCC
CGGTTACATGGGTAAATCAAAACAGGGCACCTGAACAGCAATAACCTGAAAAAGCCCG
TGAAAAACCCCTTTGTAAACCCGTACCTTACCCTGGAAGGCAACCCGGGTTACCCCAT
TAAGCCCCCTTGAAAAACCTCAAGGACCTTTTGGGACTAACCCCTTTTCCCTTTAA
AACTGCACAAATTACCCCTTACCTAAAAATTAAGTTTCTTAAAAAGGACGGCAAAA
TAATCTACCTGGCCCTAAGGGCCGTTACAAAAACACCCGGCCAGGGCCACACCTGC
TTTGGGCCGGCCCGCTCCCCCAAG

Restriction Sites:

ECorI-NOT

ACCN:

NM_006527

Insert Size:

1950 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_006527.2](#), [NP_006518.1](#)

RefSeq Size: 1743 bp

RefSeq ORF: 813 bp

Locus ID: 7884

UniProt ID: [Q14493](#)

Cytogenetics: 4p16.3

Gene Summary: This gene encodes a protein that binds to the stem-loop structure in replication-dependent histone mRNAs. Histone mRNAs do not contain introns or polyadenylation signals, and are processed by endonucleolytic cleavage. The stem-loop structure is essential for efficient processing but this structure also controls the transport, translation and stability of histone mRNAs. Expression of the protein is regulated during the cell cycle, increasing more than 10-fold during the latter part of G1. [provided by RefSeq, Jul 2008]
 Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).