

Product datasheet for **SC324002**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006527.2
 GAGCGCCGGCGCGGGGACGCGGGTTTCTGCCTCAGGCCCTGCCCTGCTCTACTCTGCGCT
 CTCTGCCCGCGCCGCCGCCGCTCAGCCTCGGCCCTGCGCTGCGCGCCCGGCCCGTGTG
 CCATGGCTGCGCCCGCGAAGCCCGCGAGGCATCAGAGCCGCTGCGACGGTGACGCCA
 GCGCGCGTCCCCGCGCGATGGAGCCTGGGACGGAAGCGCAGAGCCGACGGCAGGCGCT
 GGAGGCCCGAAGACGCCGAGGAGGCAGAGCACCAGCGCGCGGAGCGCAGACCCGAGAGCT
 TTACCACTCCTGAAGGCCCTAAACCCCGTTCCAGATGCTCTGACTGGGCAAGTGCAAGTTG
 AAGAAGATGAAATGAGGACCAGAGTTAAACAAAGAAATGGCAAGATATAAAGGAACTCC
 TCATCAATGACTTTGGAAGAGAGAGAAAATCATCATCAGGAAGTTCTGATTCAAAGGAGT
 CTATGTCTACTGTGCCGGCTGACTTTGAGACAGATGAAAGTGTCTAATGAGGAGACAGA
 AGCAGATCAACTATGGGAAGAACACAATTGCCTACGATCGTTATATTAAGAAGTCCCAA
 GACACCTTCGACAACCTGGCATTTCATCCCAAGACCCCTAATAAATTTAAGAAGTATAGTC
 GACGTTTCATGGGACCAGCAAACTCAAACTCTGGAAGGTGGCTCTGCATTTTGGGATCCTC
 CAGCGGAAGAAGGATGTGATTTGCAAGAAATACACCCTGTAGACCTTGAATCTGCAGAAA
 GCAGCTCCGAGCCCCAGACCAGCTCTCAGGATGACTTTGATGTGTACTCTGGCACACCCA
 CCAAGGTGAGACACATGGACAGTCAAGTGGAGGATGAGTTTGATTGGAAGCTTGTTAA
 CTGAACCCCTTGAGAGACTTCTCAGCCATGAGCTAACTGCCCCCTGGCGGCCAGGAAGAGA
 AACAGCTCCTCCCGACTAGGTGGAAGGCTGGCCAGGCACCAAGCATGTGTGTGCACTTG
 TACCTGGTGGTTTCTCTGTTAGCAGTCCATTAGCTCATGCTGAATTATTTTGCCTTACT
 TTCTTAAGAAACATTAATTTTATGTATAGTGAGTATATTTGCATGTTTTAAATTGTAA
 TGGAGCTAAGTCCAAGAAAGTACTTGAAGCTCTCTCCAGCGAGCTTAATTGCGTAATCC
 CTGTTGCTCCTCCAGGTAAGCTGACACGTCTACATAACTGGTTTTCCACAGGCATCTTCA
 GTTATTGCTTGTGAGGTGACTGTTTTGGATTTAACCATGTAATCCATGGGACCAATTGA
 GAGTCAGCTACTTTTATAGGCATCAAAGTATTCTCAGACACCTTTAATATCTTTATGGAA
 ACTTAATTTTTGGCCTTTTATCAATATGTCATAACAGCATTCTGAAGTCAGACATTGTTA
 AATTGAGCTATTAATACTAATGAGTTTTATGTAAGTTATATGGTCTTAATTTGGTACTTGT
 AAATAGCACTAGTTAGACTCTTTAGAATACTCCAAGAGTTAGGGCAGCAGAGTGGAGCGA
 TTTAGAAAGAACATTTTAAACAATCAGTTAATTTACCATGTAATTTGCTGTAATGAT
 AATGTGTACAGATTTTCTGTTCAAATATTCAATTGTAACCTTCTGTTAAGACTGTTACG
 TTTCTATTGCTTTGTATGGGATATTGCAAAAATAAAAAGGAAAGAACCCCTCAAAAAA
 AAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_006527

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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).