

Recombinant Human SLBP Protein, C-Myc/DDK-tagged

Cat. No. SLBP-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Homo sapiens stem-loop binding protein (SLBP) with a C was expressed in HEK293T.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	31.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Applications	Cell culture: For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name SLBP stem-loop binding protein [Homo sapiens (human)]

Official Symbol SLBP

Synonyms SLBP; stem-loop binding protein; HBP; histone RNA hairpin-binding protein; hairpin binding protein, histone; histone binding protein; histone stem-loop binding protein; stem-loop (histone) binding protein

Gene ID 7884

mRNA Refseq NM_006527

Protein Refseq NP_006518

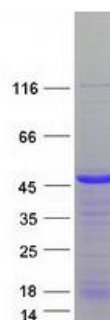
MIM 602422

UniProt ID Q14493

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SDS-PAGE

Coomassie blue staining of purified SLBP protein. The protein was produced from HEK293T cells transfected with SLBP cDNA clone using MegaTran 2.0.

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