

Product datasheet for TP503271

Slbp (BC029631) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse stem-loop binding protein (cDNA clone MGC:5912 IMAGE:3500676), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203271 protein sequence Red =Cloning site Green =Tags(s) MACRPRSPPGYGSRRDGGASPRSPARWSLGRKRRADGRDRKPEDSEEGELQTADHRPESFTTPEGHKPRS RCSDWASAVEEDEMRTVNKEIASSDSKESMSSVPADVETDESVLMRRQKQINYGKNTIAYDRYKEVPR HLRQPGIHPRTPNKFKKYSRRSWDQQIKLWKVALHFWDPPEEGCDLQEIQPVDLGEMETEFTSSSESQ TSSQDNFDVYAGTPTKVRHVDCQVEDEFDLEACLTEPLKDFSAMS TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	29.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	20492
UniProt ID:	P97440
RefSeq Size:	1595

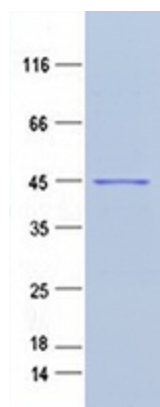

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Cytogenetics: 5 B2

RefSeq ORF: 765

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]

Product images:



Purified recombinant protein Slbp was analyzed by SDS-PAGE gel and Coomossie Blue Staining.