

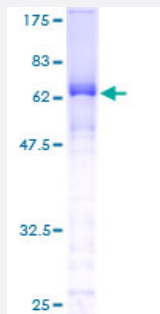
Full-Length

## SLBP (Human) Recombinant Protein (P01)

Catalog # H00007884-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human SLBP full-length ORF ( AAH14908, 1 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MACRPRSPPRHQSRCDGDASPPSPARWSLGRKRRADGRRWRPEDAEAEHGAERRPESFT  
TPEGPKPRSRCSDWASAVEEDEMRTVRNKEMARYKRKLLINDFGRERKSSSGSSDSKESMSTV  
PADFETDESVMRRQKQINYGKNTIAYDRYKEVPRHLRQPGIHPKTPNKFKKYSRRSWDQQIKLW  
KVALHFWDPPEEGCDLQEIHPVDLESAESSSEPQTSSQDDFDVYSGTPTKVRHMDSQVEDEF  
DLEACLTEPLRDFSAMS

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

55.44

#### Interspecies Antigen Sequence

Mouse (87); Rat (86)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SLBP

**Entrez GeneID**[7884](#)**GeneBank Accession#**[BC014908](#)**Protein Accession#**[AAH14908](#)**Gene Name**

SLBP

**Gene Alias**

HBP

**Gene Description**

stem-loop binding protein

**Omim ID**[602422](#)**Gene Ontology**[Hyperlink](#)**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]

**Other Designations**

OTTHUMP00000113498|hairpin binding protein, histone|histone binding protein|histone stem-loop binding protein|stem-loop (histone) binding protein