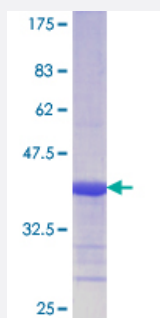


# SSB (Human) Recombinant Protein (Q01)

Catalog # H00006741-Q01

Size 10 ug, 25 ug

## Applications



## Specification

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human SSB partial ORF ( AAH01289.1, 15 a.a. - 105 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | AKICHQIEYFGDFNLPRDKFLKEQIKLDEGWVPLEIMKFNRLNRLTTDFNVIVEALSKSKAELMEIS<br>EDKTKIRRSPSKPLPEVTDEYK           |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                   |
| <b>Theoretical MW (kDa)</b>          | 35.75                                                                                                   |
| <b>Interspecies Antigen Sequence</b> | Mouse (93); Rat (93)                                                                                    |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                   |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                       |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                             |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                         |
| <b>Note</b>                          | 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 — SSB

Entrez GeneID [6741](#)

GeneBank Accession# [BC001289](#)

Protein Accession# [AAH01289.1](#)

Gene Name SSB

Gene Alias LARP3, La

Gene Description Sjogren syndrome antigen B (autoantigen La)

Omim ID [109090](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** La is involved in diverse aspects of RNA metabolism, including binding and protecting 3-prime U UU(OH) elements of newly RNA polymerase III (see MIM 606007)-transcribed RNA, processing 5-prime and 3-prime ends of pre-tRNA precursors, acting as an RNA chaperone, and binding viral RNAs associated with hepatitis C virus. La protein was originally defined by its reactivity with auto antibodies from patients with Sjogren syndrome (MIM 270150) and systemic lupus erythematosus (SLE; MIM 152700) (Teplova et al., 2006 [PubMed 16387655]).[supplied by OMIM]

**Other Designations** La ribonucleoprotein domain family, member 3|SS-B/La protein|autoantigen La

## Pathway

- [Systemic lupus erythematosus](#)

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)