

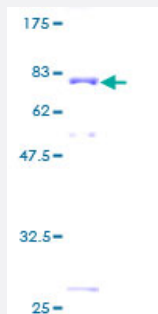
Full-Length

SSB (Human) Recombinant Protein (P01)

Catalog # H00006741-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SSB full-length ORF (AAH01289, 1 a.a. - 408 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAENGDNEKMAALEAKICHQIEYYFGDFNLPRDKFLKEQIKLDEGWVPLEIMIKFNRLNRLTTDFNV
VEALSKSKAELMEISEDKTKIRRSPLPEVTDEYKNDVKNRSVYKGFPTDATTDDIKEWLEDK
GQVLNIQMRRTLHKAFKGSIFVVFDSIESAKKFVETPGQKYKETDLLILFKDDYFAKKNEERKQNKV
EAKLRAKQEQEAKQKLEEDAEMKSLEEKIGCLLKFSGLDDQTCREDLHILFSNHGEIKWIDFVR
GAKEGIIIFKEKAKEALGAKDANNGNLQLRNKEVTWEVLEGEVEKEALKKIIEDQQESLNKWKS
KGRRFKGGKGNKAAQPGSGKGKVQFQGKTKFASDDEHDEHDENGATGPVKRAREETDKEE
PASKQQKTENGAGDQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.62

Interspecies Antigen Sequence

Mouse (77); Rat (77)

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 — SSB

Entrez GeneID	6741
GeneBank Accession#	BC001289
Protein Accession#	AAH01289
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](#)