

Recombinant Human SSB

Cat. No. SSB-29274TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human SSB, 47.6kDa.
Species	Human
Source	E.coli
Description	La is involved in diverse aspects of RNA metabolism, including binding and protecting 3-prime UUU(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 autoantibodies from patients with Sjogren syndrome (MIM 270150) and systemic lupus erythematosus (SLE; MIM 152700) (Teplova et al.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: 150mM Sodium chloride, 10mM Sodium phosphate, pH 7.2
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence	Contains 1 HTH La-type RNA-binding domain.Contains 1 RRM (RNA recognition

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Similarities	motif) domain.
Full Length	Full L.
GENE INFORMATION	
Gene Name	SSB Sjogren syndrome antigen B (autoantigen La) [Homo sapiens]
Official Symbol	SSB
Synonyms	SSB; Sjogren syndrome antigen B (autoantigen La); lupus La protein; La; La ribonucleoprotein domain family; member 3; LARP3;
Gene ID	6741
mRNA Refseq	NM_003142
Protein Refseq	NP_003133
MIM	109090
Uniprot ID	P05455
Chromosome Location	2q31.1
Pathway	RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem; RNA Polymerase III Transcription, organism-specific biosystem; RNA Polymerase III Transcription Termination, organism-specific biosystem; Systemic lupus erythematosus, organism-specific biosystem;

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Function

mRNA binding; nucleotide binding; tRNA binding;

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