

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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