

Recombinant Human SSB Protein (Met1-Gln408), His-tagged

Cat. No. SSB-659H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SSB Protein (NP_003133.1) (Met1-Gln408) was produced by Baculovirus-Insect Cells expression system. This protein was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Gln408
Predicted N Terminal	His
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.5, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human SSB consists of 427 amino acids and predicts a molecular mass of 49.2 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SSB small RNA binding exonuclease protection factor La [Homo sapiens (human)]
Official Symbol	SSB
Synonyms	La; LARP3; La/SSB;
Gene ID	6741
mRNA Refseq	NM_003142
Protein Refseq	NP_003133
MIM	109090
UniProt ID	P05455

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