

# HBsAg preS1 Recombinant Protein



RPPB5525

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## Product Information    Protein Information

**Product SKU:**

RPPB5525

**Host:**

Escherichia Coli.

**Protein description:**

The E.Coli derived Recombinant Hepatitis B Surface Antigen preS1 is a single non-glycosylated polypeptide chain containing 119 amino acids and having a molecular weight of 12.6 kDa.

**Formulation:**

HBsAg protein was lyophilized from 0.2µm filtered (1mg/ml) solution in 20mM PB, pH 7.4, and 50mM NaCl.

**Purity:**

Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Solubility:**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.

**Stability:**

This lyophilized HBsAg preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

**Amino Acid Sequence:**

MGGWSSKPRQGMGTNLSVPNPLGFFPDHQLDPAFGANSNNPDWDFNPNKDHWP EAHQV GAGAFGPGFTPP  
HGLLGWSPQAQGILTTVPVAPPASTNRQSGRQPTISPPLRDSHPQA.