

## Recombinant HBV Surface Antigen preS2 protein

Cat. No. HBV-06 Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant HBV Surface Antigen preS2 protein was expressed in Escherichia coli.
<b>Species</b>	HBV
<b>Source</b>	E.coli
<b>ProteinLength</b>	55
<b>Form</b>	Lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH 7.4, 50mM NaCl.
<b>Molecular Mass</b>	Approximately 5.7 kDa, a single non-glycosylated polypeptide chain containing 55 amino acids.
<b>AA Sequence</b>	MQWNSTTFHQALLDPKVRGLYFPAGGSSSGTVNPVPTTASPISSIFSRTGDPAPN
<b>Endotoxin</b>	Less than 1 EU/µg of rHBsAg-preS2 as determined by LAL method.
<b>Purity</b>	>95% by SDS-PAGE and HPLC analysis.
<b>Applications</b>	1. Immunochromatography (capture and conjugate);2. Preparing monoclonal or polyclonal antibodies for HBsAg-preS2;3. ELISA.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under

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sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Reconstitution**

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

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