

Recombinant HBV Surface Antigen preS2 protein

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

SPECIFICATION

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