

## Recombinant HBV Surface Antigen-preS2

### Information

<b>Gene ID</b>	
<b>Accession #</b>	
<b>Alternate Names</b>	
<b>Source</b>	Escherichia coli.
<b>M.Wt</b>	Approximately 5.7 kDa, a single non-glycosylated polypeptide chain containing 55 amino acids.
<b>AA Sequence</b>	MQWNSTTFHQ ALLDPKVRGL YFPAGGSSSG TVNPVPTTAS PISSIFSRTG DPAPN
<b>Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Stability &amp; Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles - Refer to lot specific COA for the Use by Date when stored at $\leq -20^{\circ}\text{C}$ as supplied - 1 month, $2$ to $8^{\circ}\text{C}$ under sterile conditions after reconstitution - 3 months, $-20$ to $-70^{\circ}\text{C}$ under sterile conditions after reconstitution
<b>Formulation</b>	Lyophilized from a $0.2\ \mu\text{m}$ filtered concentrated solution in 20mM PB, pH 7.4, 50mM NaCl.
<b>Reconstitution</b>	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 $<-20^{\circ}\text{C}$ . Further dilutions should be made in appropriate buffered solutions.
<b>Biological Activity</b>	
<b>Shipping Condition</b>	Gel pack.
<b>Handling</b>	Centrifuge the vial prior to opening.
<b>Usage</b>	For Research Use Only! Not to be used in humans.

### Components and Storage

Components	10 $\mu\text{g}$	100 $\mu\text{g}$	500 $\mu\text{g}$
Recombinant HBV Surface Antigen-preS2	10 $\mu\text{g}$	100 $\mu\text{g}$	500 $\mu\text{g}$

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## Quality Control

Purity	>95% by SDS-PAGE and HPLC analyses.
Endotoxin	Less than $1\text{ EU}/\mu\text{g}$ of rHBsAg-preS2 as determined by LAL method.

## Description

## Reference

**APExBIO Technology**

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