

# Recombinant Hepatitis B virus HBsAg S adw Protein

**Cat. No.** HBsAg S adw-17V    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Hepatitis B virus HBsAg S adw Protein was expressed in <i>Saccharomyces cerevisiae</i> . Particle (S-protein inserted in lipid bilayer) with mean particle size of about 45nm by dynamic light scattering method.
<b>Species</b>	HBV
<b>Source</b>	<i>S.Cerevisiae</i>
<b>Description</b>	<p>Hepatitis B virus (HBV) expresses three types of surface antigens, i.e. S-, M-, and L-protein. L-protein is composed of S-, Pre-S2, and Pre-S1 region. The deletion of Pre-S1 region forms M-protein and further deletion of Pre-S2 region results in S-protein. Most of commercially available HBsAg is composed of either S-protein alone or a mixture of Sand M-proteins. The Pre-S1 region is known to be the hepatic cell recognition site and to be important in the HBV infection. HBsAg S-protein is a particulate antigen composed of S-protein, and widely used as active substance of HBV vaccine, and as a important diagnostic marker of HBV infection.</p> <p>The present products, HBsAg S-protein can be used as a tool to investigate the mechanism of HBV infection, immunoassays and others. Two subtypes, adr and adw are available.</p>
<b>Form</b>	liquid form (10mM sodium phosphate, 140mM NaCl, pH6.4, 0.1% sodium azide).
<b>Purity</b>	over 95%
<b>Usage</b>	Standard antigen for ELISA, western, and others

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** 4 centigrade

**Warning**

The antigen may be adsorbed on plastic tubes especially low concentration (below 100ng/mL). Please use protein low bind tubes at lower concentration.

## GENE INFORMATION

**Gene Name**

NEWENTRY Record to support submission of GeneRIFs for a gene not in Gene (Human hepatitis B virus; hepatitis B virus (HBV); hepatitis B virus HBV; hepatitis B virus, HBV; human hepatitis B virus HBV). [ Hepatitis B virus ]

**Official Symbol**

NEWENTRY

**Synonyms**

NEWENTRY

**Gene ID**

2828293

**SDS-PAGE**

HBsAg adw 100ng

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA