DATASHEET

Recombinant Hepatitis B Surface Antigen adr Subtype

CAT. NO. ARP6807

KEY FEATURES

Target	Hepatitis B Surface Antigen adr Subtype	Source/Expression System	CHO
Aapplication	SDS-PAGE	Abbreviation	rHBsAgadr
Synonyms	S glycoprotein, small surface protein, S-HBsAg		

BACKGROUND

Recombinant Hepatitis B Surface Antigen adr Subtype is a 23-27 kDa glycosylated protein containing 226 amino acid.
Applications: Immunochromatography (capture and conjugate) Immunogen for monoclonal antibody production ELISA.

PRODUCT OVERVIEW

Molecular Weight	Approximately 23.0-27.0 kDa, on a reducing SDS-PAGE, containing 215 amino acids.
Accession	P30019 Met1-Leu226
A.A. Sequence	MENTASGFLGPLLVLQAGFFLLTRILTIPQSLDSWWTSLNFLGGAPTCPGQNSQSPTSNHSPTSCPPICPGYRWMCL RRFIIFLFILLLCLIFLLVLLDYHGMLPVCPLLPGTSTTSTGPCKTCTIPAQGTSMFPSCCCTKPSDGNCTCIPIPSSWAFA RFLWEWASVRFSWLSLLVPFVQWFVGLSPTVWLSVIWMMWYWGPSLYNILSPFLPLLPIFFCLWVYI
Purity	＞95% by SDS-PAGE or HPLC.
Biological Activity	The biological activity is determined by ELISA with anti-HBsAg antibodies.
Formulation	A 0.2 μm filtered concentrated solution in 20 mM PB, with 150 mM NaCl.
Appearance	Sterile colorless liquid.
Concentration	No less than 10mg/ml; The concentration for a specific batch as shown in the COA
Endotoxin	< 1 EU/μg of rHBsAgadr protein as determined by LAL method.
Reconstitution	Before use this product, please read the direction below carefully. This vial must be briefly centrifuged prior to opening to bring the contents to the bottom. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.

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STORAGE

For long term storage, the product should be stored ≤ -20°C. Please avoid repeated freeze-thaw cycles after reconstitution. 12 months from date of receipt, -20 to -70°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -70°C under sterile conditions after reconstitution.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.