

Recombinant Full Length Hepatitis B Virus Genotype A1 Subtype Adw2 Large Envelope Protein(S) Protein, His-Tagged

Cat. No. RFL9509HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length Hepatitis B virus genotype A1 subtype adw2 Large envelope protein(S) Protein (P31873) (2-400aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Hepatitis B virus genotype A1 subtype adw2 (isolate Southern-Africa/Cai) (HBV-A) |
| Source | E.coli |
| ProteinLength | Full Length of Mature Protein (2-400) |
| Form | Lyophilized powder |
| AA Sequence | GGWSAKPRKGMGTNLSVNPPLGFFPDHQLDPAFGANSNNPDWDFNPNKDHWPEA NQVGVG AFGPGFTPPHGGLLGWSSQAQGLTHTVPAVPPPASTNRQTGRQPTPISP PLRDSHPQAMQ WNSTAFQQALQDPRVRGLFFPAGGSSSGTVNPAPNIASHISSISS RTGDPALNMENITSG FLGPLLVLQAGFFLLTRILTIPQSLDSWWTSLNFLGGSPVCL GQNSQSPTSNHSPTSCPP ICPGYRWMCLRRFIIFLIFILLCLIFLLVLLDYQGMLPVC PLIPGSTTTSTGPCKTCTTP AQGNSMFPSCCCTKPTDGNCTCIPISSWAFACYLW EWASVRFSWLSLLVPFVQWFVGLS PTVWLSVIWMMWYWGPSLYNILSPFIPLLP FCLWVYI |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Applications | SDS-PAGE |

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| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |

GENE INFORMATION

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| Gene Name | S |
| Synonyms | S; Large envelope protein; L glycoprotein; L-HBsAg; LHB; Large S protein; Large surface protein; Major surface antigen |
| UniProt ID | P31873 |

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