

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

Cat. No. RFL3120HF **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length Hepatitis B virus genotype G Large envelope protein(S) Protein (Q9IBI3) (2-399aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Hepatitis B virus genotype G (isolate IG29227/2000) (HBV-G) |
| Source | E.coli |
| ProteinLength | Full Length of Mature Protein (2-399) |
| Form | Lyophilized powder |
| AA Sequence | <p>GLSWTVPLEWGNLSASNPLGFLPDHQLDPAFRANTNNPDWDFNPKKDPWPEAN KVGVGA YGPGFTPPHGGLLWSPQSQGTLTLLPADPPPASTNRQSGRQPTPISPP LRDSHPQAMQW NSTAFHQALQNPKVRGLYFPAGGSSSGIVNPVPTIASHISSIFSRI GDPAPNMENITSGF LGPLLVLQAGFFLLTRILTIPQSLDSWWTSLNFLGGVPVCPGL NSQSPTSNHSPISCPPT CPGYRWMCLRRFIIIFLIFLLVLLDYQGMLPVCPLIP GSSTTSTGPCKTCTTPA QGNSMYPSCCCTKPSDGNCTCIPISSWAFAYLWEWA SVRFSWLSLLVPFVQWFVGLSP TVWLSAIWMMWYWGPNLYNILSPFIPLPIFFCL WVYI</p> |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

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| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
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| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
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| 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. |
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GENE INFORMATION

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| Gene Name | S |
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| Synonyms | S; Large envelope protein; L glycoprotein; L-HBsAg; LHB; Large S protein; Large surface protein; Major surface antigen |
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| UniProt ID | Q9IBI3 |
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