

# Recombinant Full Length Elephantid Herpesvirus 1 Glycoprotein H Protein, His-Tagged

**Cat. No.** RFL1167EF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Elephantid herpesvirus 1 Glycoprotein H Protein (Q18LE9) (26-737aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Elephantid herpesvirus 1 (isolate Asian elephant/Berlin/Kiba/1998) (EIHV-1) (Elephant endotheliotropic herpesvirus)
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (26-737)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>AFDLSHVHSESLKIQDISSDTINFTPNLVMFRFFSNETHSDVFHLPKCIFDSKLTSYL  F DHLNIYEDVSVYKNNFEKYYMGSVEGTYRTIIKGEDTTPYLDKTTAPTVEITEKDLII  T YQGIRYMNPPVLSLIDDESCEVFDDINELILPYFGKCRKFYLNFGSVTLFGHITSNF  VT IKYTAQNGTDPYTIRLFFGNSAEIVHTLPFEAQDLALRMMMMYDDFEIIGEVGPVKE  MLKS FKLSLLDSLLEQNHEDVMNDFRHVF EAFYNHIKKIRDGSDIKSLHIEQLLDSLL  AYSIG YYIQRYPPYTGWKRGIEHF IETETYIHMVPELFDLFAHNMTVKTPTRPNAIK  FINILIR LYSYTDYTKLDRGLSLYFLKYIYQGNVTD DIATYAHRYMTNLYTKYTYPKT  QEGEHL YK SYNDSLDTFILNTIGLKS KNK TLLHHILL LQTGM CNIQNMIGHFHSLQNN  DPKFGALLSP CYRSLRYDLTAKKIGQLITKESLEPYGRLVNMVRFMTKNSSMLNVLK  CELPEDDGLLAIA TVDNKTYIISSRPIAVGVVYKATYTA INFLYVTRI QNNTCIHIDKVY  RDGDVKAVYTFS LDTAKDCGDMCPSVLVEYQTNTGFIGI HVINSIADIQYISENRKLF</p>

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PESSHYLWLLKNDT VLELEGTNFFLFSSKSPGAIVLYIIIIISLIVWTLYEIIKLFCYKRQW  
QYQKL

**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.

**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

**Gene Name** gH

**Synonyms** gH; Envelope glycoprotein H; gH

**UniProt ID** [Q18LE9](#)

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