

# Recombinant Full Length Guinea Pig Cytomegalovirus Envelope Glycoprotein H(Gh) Protein, His-Tagged

**Cat. No.** RFL27671GF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Guinea pig cytomegalovirus Envelope glycoprotein H(gH) Protein (P87730) (24-723aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | GPCMV  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length of Mature Protein (24-723)   |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | <p>SSWFDPFIEWARSSPNMTCVNNRTGTRSLATEGLISFNFYEASRTVVRTYQVPKCIFM<br/> SSV SKTIMQGVDLFESLESYRRRYYSYIIVPVHASFQIFIHDLRTDLSSPTEELTSPVD<br/> KTLP NVTIWHTPSGYVIRLLDVVTPRFEECTLFPNHTVIFDMTVPCSQEVYLRQTGK<br/> HQFAIVL TFTPSFFVLNIQTAQHQHVTENDEVDILIFGDVRSIDVKAPYSKPVLTLRQS<br/> YRDDLLIV AKTSIVNATYPFIKTQDFLKGTLSGNYLDFNHVYTEFNRLVIHNLVEGLCD<br/> APPDDRTVS MVFSYAVLARTLYHTSNVTARLEDVALRYVRLTLARTFLQQCFDVGP<br/> RYMRFPITDGALS VLLKLIRNSRDVDGGLKLSLTFALIFGNNTDMTKERDLENALYEM<br/> KSIHRAGLVSPSPR QRSLLYMMAYVTHHTTAFDIRREMLAMQTS LCSPQELYNW<br/> APHVSSAGLTMQEMFTPCS GSGRRDYSEARIAEIVQLNPLTTKTPADLYRILAHFDR<br/> SNLTNFPALSCISHLSGYVAVT LRDVTYVVSSNVMLKGTSYPVTNLAVDKTMIVTVS<br/> PAQHPCEKTEVAHATRSIPIVKNIT IGNDCEYCKSAIMEYDEVNGLSNIVYLADTADLV<br/> LVTNLDNRILASSPRTRYIMMTANGT LMEITSVIIDIRQTSIFMIMLYCSLGVLLLYGLY</p> |

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|                         |   |
|-------------------------|---|
|                         | RLLHMI  |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |
| <b>Applications</b>     | SDS-PAGE  |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.  |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0   |
| <b>Reconstitution</b>   | 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. |
| <b>GENE INFORMATION</b> |   |
| <b>Gene Name</b>        | gH  |
| <b>Synonyms</b>         | gH; UL75; Envelope glycoprotein H; gH   |
| <b>UniProt ID</b>       | <a href="#">P87730</a>  |

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