

## Envelope glycoprotein H Recombinant Protein | gH recombinant protein

Recombinant Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4) Envelope glycoprotein H

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA114340</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

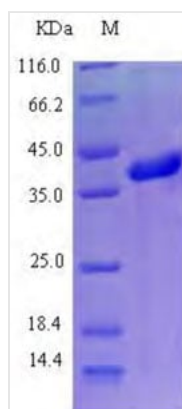
### PRODUCT SYNONYMS

Envelope glycoprotein H; Recombinant Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4) Envelope glycoprotein H; Glycoprotein 85; gp85; gH recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                  |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                         |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                  |
| Sequence Positions      | 19-218aa; Partial                                                                                                                                                                                                                 |
| Sequence                | SLSEVKLHLD IEGHASHYTI PWTELMAKVP GLSPEALWRE ANVTEDLASM LNRYKLIYKT SGTGLIALAE<br>PVDIPAVSEG SMQVDASKVH PGVISGLNSP ACMLSAPLEK QLFYYIGTML PNTRPHSYVF YQLRCHLSYV<br>ALSINGDKFQ YTGAMTSKFL MGTYKRVTEK GDEHVLSLVF GKTKDLPDLR GPFSYPSLTS |
| Sequence Length         | 218                                                                                                                                                                                                                               |
| Species                 | Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4)                                                                                                                                                                   |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                                                            |

### IMAGES



#### SDS-PAGE

Recombinant Envelope glycoprotein H (gH) ,partial for Epstein-Barr virus (strain B95-8) (HHV-4) (Human herpesvirus 4)His-sumo-taggedE.coli derived

### ADDITIONAL INFORMATION

#### Related Product Information for gH recombinant protein

The heterodimer glycoprotein H-glycoprotein L is required for the fusion of viral and plasma membranes leading to virus entry into the host cell. membrane fusion is mediated by the fusion machinery composed at least of gB and the heterodimer gH/gL. Fusion of EBV with B-lymphocytes requires the additional receptor-binding protein gp42, which forms a complex with gH/gL. May also be required for virus attachment to epithelial cells.

|            |                                                                                                                                                                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | "DNA sequence and expression of the B95-8 Epstein-Barr virus genome." Baer R., Bankier A.T., Biggin M.D., Deininger P.L., Farrell P.J., Gibson T.J., Hatfull G., Hudson G.S., Satchwell S.C., Seguin C., Tuffnell P.S., Barrell B.G. Nature 310:207-211(1984) |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                            |                                           |
|----------------------------|-------------------------------------------|
| NCBI GI #                  | 82503256                                  |
| NCBI GeneID                | 3783742                                   |
| NCBI Accession #           | YP_401700.1                               |
| NCBI GenBank Nucleotide #  | NC_007605.1                               |
| UniProt Accession #        | P03231; Q6LBU6; Q777C0                    |
| Molecular Weight           | 38.1 kDa                                  |
| NCBI Official Full Name    | glycoprotein gp85                         |
| NCBI Official Symbol       | BXLF2                                     |
| NCBI Protein Information   | glycoprotein gp85 precursor; gp85 protein |
| UniProt Protein Name       | Envelope glycoprotein H                   |
| UniProt Gene Name          | gH                                        |
| UniProt Synonym Gene Names | gH; gp85                                  |
| UniProt Entry Name         | GH_EBVB9                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/gh-recombinant-protein-e-coli/114340>