

## Recombinant Zaire Ebola virus GP protein, His-tagged

Cat. No. GP-3796Z Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Zaire Ebola virus GP protein(P87670)(33-364aa), fused to N-terminal His tag, was expressed in E. coli.  |
| <b>Species</b>          | Zaire Ebola virus   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 33-364aa  |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.   |
| <b>Molecular Mass</b>   | 41.3 kDa  |
| <b>AA Sequence</b>      | IPLGVIHNSTLQVNDVDKLVCRDKLSSTNQLRSVGLNLEGNGVATDVPSATKRWGF<br>RSGVPPKVVNYEAGEWAENCYNLEIKKPDGSECLPAAPDGIRGFPRCRYVHKVSGT<br>GPCAGDFAFHKEGAFFLYDRLASTVIYRGTTFAEGVVAFLILPQAKKDFSSHPLREP<br>VNATEDPSSGYYSTTIRYQATGFGTNETEYLFEVDNLTYVQLESRFTPQFLLQLNETI<br>YTS GKRSNTTGKLIWKVNPEIDTTIGEWAFWETKKTSLKFAVKSCLSQLYQTEPKT<br>SVVRVRRELLPTQGPTQQLKTTKSWLQKIPLQWFKCTVKEGKLQCRI |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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%.

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