

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

Cat. No. GP-3806Z Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Zaire Ebola virus GP protein(P87666)(33-501aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Zaire Ebola virus

**Source** E.coli

**ProteinLength** 33-501aa

**Form** If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.  
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

**Molecular Mass** 54.9 kDa

**AA Sequence**

```
IPLGVIHNSTLQVSDVDKLVCRDKLSSTNQLRSVGLNLEGNGVATDVPSATKRWGFR
SGVPPKVVNYEAGEWAENCYNLEIKKPDGSECLPAAPDGIRGFPRCRYVHKVSGTG
PCAGDFAFHKEGAFFLYDRLASTVIYRGTTFAEGVVAFLILPQAKKDFSSHPLREPV
NATEDPSSGYSTTIRYQATGFGTNETEYLFEVDNLTYVQLESRFTPQFLLQLNETIY
TSGKRSNTTGKLIWKVNPEIDTTIGEWAFWETKKNLTKIRSEELSFTAVSNRAKNIS
GQSPARTSSDPGTNTTTEDHKIMASENSSAMVQVHSQGREAAVSHLTTLATISTSP
QPPTTKPGPDNSTHNTPVYKLDISEATQVEQHRRRTDNDSTASDTPPATTAAGPLK
AENTNTSKGTDLLDPATTTSPQNHSETAGNNNTHHQDTGEESASSGKLGLITNTIAG
VAGLITGGRRARR
```

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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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