

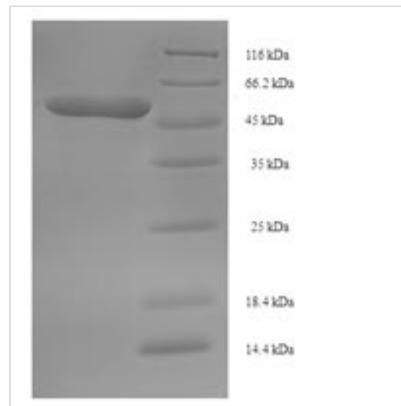


# Recombinant Zaire ebolavirus Pre-small/secreted glycoprotein (GP)

<b>Product Code</b>	CSB-EP350772ZAT
<b>Relevance</b>	sGP ses to possess an anti-inflammatory activity as it can reverse the barrier-decreasing effects of TNF alpha. Might therefore contribute to the lack of inflammatory reaction seen during infection in spite the of extensive necrosis and massive virus production. Does not se to be involved in activation of primary macrophages. Does not se to interact specifically with neutrophils .Delta-peptide does not se to be involved in activation of primary macrophages.
<b>Abbreviation</b>	Recombinant Zaire ebolavirus GP protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P60171
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Zaire ebolavirus (strain Kikwit-95) (ZEBOV) (Zaire Ebola virus)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	IPLGVIHNSTLQVSDVDKLVCRDKLSSTNQLRSVGLNLEGNGVATDVPSATKR WGFRSGVPPKVVNYEAGEWAENCYNLEIKKPDGSECLPAAPDGI RGFPRCRY VHKVSGTGPCAGDFAFHKEGAFFLYDRLASTVIYRGTTFAEGVVAFLILPQAKK DFFSSHPLREPVNATEDPSSGYYSTTIRYQATGFGTNETEYLF EVDNLTYVQL ESRFTPQFLLQLNETIYTSGKRSNTTGKLIWKVNPEIDTTIGEWAFWETKKTSL EKFAVKSCLSQLYQTEPKTSVVRVRRELLPTQGPTQQLKTTKSWLQKIPLQWF KCTVKEGKLQCRI
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	GP
<b>Protein Names</b>	Recommended name: Pre-small/secreted glycoprotein Short name= pre-sGP Cleaved into the following 2 chains: 1. Small/secreted glycoprotein Short name= 2. sGP 3. Delta-peptide
<b>Expression Region</b>	33-364aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	53.3kDa
<b>Protein Length</b>	Full Length of Mature Protein



## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## 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.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.