

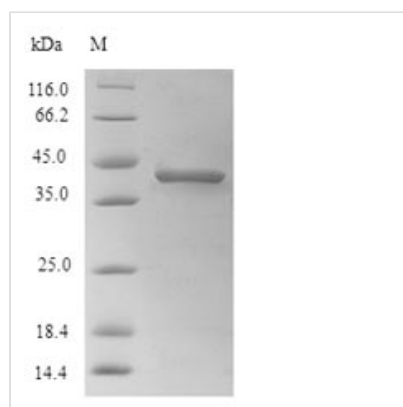


Recombinant Zaire ebolavirus Pre-small/secreted glycoprotein (GP)

Product Code	CSB-EP308957ZAA
Relevance	sGP seems 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 seem to be involved in activation of primary macrophages. Does not seem to interact specifically with neutrophils Delta-peptide does not seem to be involved in activation of primary macrophages.
Abbreviation	Recombinant Zaire ebolavirus GP protein
Storage	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.
Uniprot No.	P87670
Alias	Cleaved into the following 2 chains: Small/secreted glycoprotein Short name: sGP Delta-peptide
Product Type	Recombinant Protein
Immunogen Species	Zaire ebolavirus (strain Eckron-76) (ZEBOV) (Zaire Ebola virus)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	IPLGVIHNSTLQVNDVDKLVCRDKLSSTNQLRSVGLNLEGNGVATDVPSATKR WGFRSGVPPKVVNYEAGEWAENCYNLEIKKPDGSECLPAAPDGI RGFPRCRY VHKVSGTGPCAGDFAFHKEGAFFLYDRLASTVIYRGTTFAEGVVAFLILPQAKK DFFSSHPLREPVNATEDPSSGYYSTTIRYQATGFGTNETEYLF EVDNLTYVQL ESRFTPQFLLQLNETIYTS GKRSNTTGKLIWKVNPEIDTTIGEWAFWETKKTSL EKFAVKSCLS QLYQTEPKTSVVRVRRELLPTQGPTQQLKTTKSWLQKIPLQWF KCTVKEGKLQCRI
Research Area	Others
Source	E.coli
Target Names	GP
Expression Region	33-364aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	41.3kDa
Protein Length	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

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