

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

Catalog No: #AP71099

Package Size: #AP71099-1 20ug #AP71099-2 100ug #AP71099-3 1mg

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Description

Product Name	Recombinant Zaire ebolavirus Pre-small,secreted glycoprotein(GP)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:33-364aaSequence Info:Full Length
Accession No.	P60171
Calculated MW	53.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	IPLGVIHNSTLQVSDVDKLVCRDKLSSTNQLRSVGLNLEGNGVATDVPSATKRWGFRSGVPPKVVNYEAGEW AENCYNLEIKKPDGSECLPAAPDGIRGFPRCRYVHKVSGTGPCAGDFAFHKEGAFFLYDRLASTVIYRGTTFA EGVVAFILPQAQKDDFFSSHPLREPVNATEDPSSGYSTTIRYQATGFGTNETEYLFEVDNLTYVQLESRFTPQ FLLQLNETIYTSKRSNTTGKLIWKVNPEIDTTIGEWAFWETKTSLEKFAVKSCLSQLYQTEPKTSVVRVRREL LPTQGPTQQLKTTKSWLQKIPLQWFKCTVKEGKLQCRI
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

The virion glycoproteins of Ebola viruses are encoded in two reading frames and are expressed through transcriptional editing.Sanchez A., Trappier S.G., Mahy B.W.J., Peters C.J., Nichol S.T.Proc. Natl. Acad. Sci. U.S.A. 93:3602-3607(1996)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.