

Brechiniviruses (BFB) Ebola virus Glycoprotein RBD Protein

Cat No:HR4S0031

For research use only

Overview

Quantity	
Gene Symbol	
Gene ID	
Accession	ACI28624.1
Alternative Name	
Species	
Source	HEK293 Cells
Description	<p>Ebolavirus glycoprotein GP is the primary surface protein responsible for viral attachment and entry into host cells. GP is synthesized as a precursor that is cleaved into the disulfide-linked subunits GP1 and GP2. GP1 contains the receptor-binding domain (RBD), which mediates interactions with host-cell factors involved in viral uptake and entry. The RBD is a major target of antibody responses and plays an important role in host-cell recognition and viral entry. Owing to its essential role in infection and surface exposure, GP is a major target for vaccine and therapeutic antibody development</p>
Functions	
Formulation	
Solubility	
Appearance	Lyophilized powder
Molecular Weight	43.1 kDa
Purity	>90% (SDS-PAGE)
Concentration	
Shipping Condition	
Storage Condition	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.