

Recombinant 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	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
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.