

RPCB1087

Product Information

Product SKU:	RPCB1087	Gene ID:	14254594	Size:	10µg
Tag:	C-mFc	Reactivity:	MERS-CoV		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	K9N5Q8
Purity:	> 90% by SDS-PAGE.		

Protein Information

Background: It's been reported that Coronavirus can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant MERS-CoV Spike RBD Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.