



SARS-CoV-1 Spike Protein (RBD) (His Tag) (HEK293 Cells)

E26P9004-1

Catalog Number:	E26P9004-1
Product Name:	SARS-CoV-1 Spike Protein (RBD) (His Tag)
Expression system:	HEK293 Cells
Source:	SARS-CoV-1
Product Type:	Recombinant protein
Description:	A DNA sequence encoding the SARS-CoV-1 Spike Protein (RBD) was expressed with His-tag in C terminus.
Mol Mass:	The RBD protein of SARS-CoV-1 Spike Protein (RBD) consists of 230 amino acids.
Purity:	> 95 % as determined by SDS-PAGE
Formulation:	Liquid in sterile PBS, pH7.4.
Biological Activity:	N/A
Endotoxin:	N/A
Storage:	Recombinant proteins are provided as frozen liquid which are shipped on ice pack. Reconstituted protein solution should be stored at $\leq -20^{\circ}\text{C}$.
Reconstitution:	According to the application.
Purification:	Affinity purification chromatography.
Background:	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.
Amino acid sequence:	RVVPSGDVVRFNPITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLY NSTFFSTFKCYGVSATKLNLCFSNVYADSFVVKGDDVRQIAPGQTGVIA DYNKLPDDFMGCVLAWNTRNIDATSTGNYNKYRYLRHGKLRPFERDI SNVPFSPDGKPCTPPALNCYWPLNDYGFYTTTGIGYQPYRVVLSFELLN APATVCGPKLSTDLIKNCQVNFHHHHHHH.

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