

SARS-CoV-2 (2019-nCoV) Spike Protein,RBD, His-Tag (HEK293)

Cat# P0043

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

INFORMATION

DESCRIPTION:	<p>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</p> <p>The recombinant S1 protein of SARS-CoV-2 (2019-nCoV) Spike Protein (RBD) consists of 222 amino acids with His-tag in C-terminus.</p>
SOURCE:	HEK293 cell
APPEARANCE:	Liquid in sterile PBS, pH7.4.
PURITY:	Greater than 95.0% as determined by SDS-PAGE.
CONCENTRATION	1 mg/ml
AMINO ACID SEQUENCE:	RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRRKRISNCVADYSVLYNSASFSTFKCYGVSP TKL NDLCFTNVYADSFVIRGDEV RQIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVG GNYNYLYR LFRKSNLKP FERDISTEIYQAGSTPCNGVEGFNCYFP LQSYGFQPTNGVGYQPYR VVVLSFELLHAPAT VCGPKKSTNHHHHHHHHH.

PRODUCT USE LIMITATION

These products are intended for research use only.