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GeNext Genomics Pvt Ltd

SARS-CoV-2 (2019-nCoV) RBD-His Tagged

Background

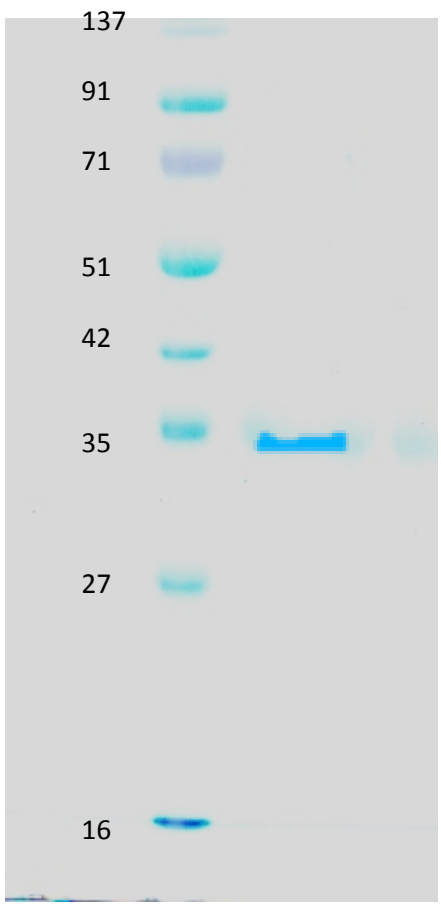
One of the core biological characteristics of SARS-COV-2 is the presence od spike protein that enables the virus to invade into the host cells through its receptor binding domain.
The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. The RBD protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.

Product Details

Protein Construct	**A DNA sequence encoding the SARS-CoV-2 (2019-nCoV) RBD (Arg319-Phe541) was expressed with histidine tagged expressed in HEK Cell line.**
Research use only	**For Research Use Only.**
Sequence Positions	**Arg319-Phe541**
Host	**HEK Cell Line**
Purity/ Purification	**Greater than 90% as determined by SDS-PAGE.**
Form	**Lyophilized or liquid**
Tag Information	**His Tagged**
Preparation and Storage	**Store at -20 degree C, for extended storage**
ISO Certification	**Manufactured in an ISO 9001:20015 Certified Laboratory.**
Molecular Mass	**The recombinant SARS-CoV-2 (2019-nCoV) RBD Protein -His Tag consists of 222 amino acids and predicts a molecular mass of 27 kDa.**

Details

SDS PAGE of Recombinant RBD-His Protein



Catalogue: GNG-RBD-R319F

Formulation:

Stored in PBS pH 7.4 with protectants

10µl of 0.2mg/ml run on 12% SDS PAGE

Ordering Information:
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