

Recombinant SARS-CoV-2 (2019-nCoV) S protein RBD Protein (Arg319-Phe541), C-6×His tagged

Cat. No. S-745S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 (2019-nCoV) S protein RBD Protein (Arg319-Phe541) with 6×His tag was expressed in HEK293.
Species	SARS-CoV-2
Source	HEK293
ProteinLength	Arg319-Phe541
Description	SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as Covid19 (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. The spike protein is a type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which accounts for recognizing the cell surface receptor, ACE2. S2 contains basic elements needed for the membrane fusion. Recent publications indicate that S1-RBD domain can induce virus neutralizing-antibody and T cell response.
Form	Lyophilized
Molecular Mass	37-38 kDa
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer Lyophilized

GENE INFORMATION

Gene Name S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]

Official Symbol S

Synonyms S; surface glycoprotein; spike glycoprotein; surface glycoprotein; structural protein; spike protein

Gene ID 43740568

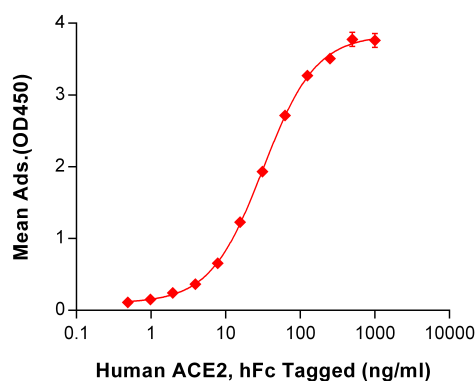
Protein Refseq YP_009724390

UniProt ID P0DTC2

Activity

S-RBD, His Tagged protein ELISA

0.2 µg S-RBD, His Tagged protein per well

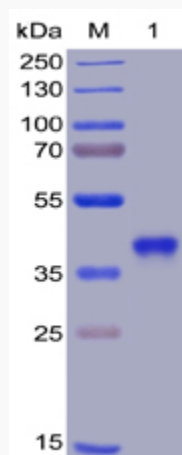


 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA