

Recombinant COVID-19 Spike protein, mFc-tagged

Cat. No. Spike-429V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant 2019 nCoV Spike RBD Protein is expressed from Expi293 with mFc at the C-terminal. It contains Arg319-Asn532.
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Arg319-Asn532
Description	The spike protein (S) of coronavirus (CoV) attaches the virus to its cellular receptor, angiotensin converting enzyme 2 (ACE2). A defined receptor-binding domain (RBD) on S mediates this interaction. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 49.7kDa. Due to glycosylation, the protein migrates to 60-70 KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.5EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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

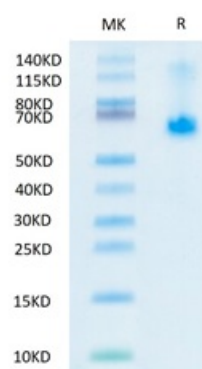
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

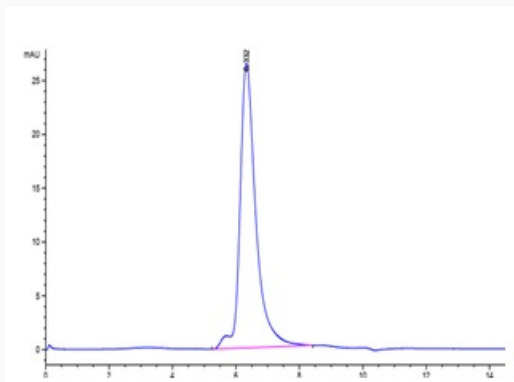
GENE INFORMATION

Gene Name	S
Official Symbol	S
Synonyms	S protein RBD, Spike glycoprotein Receptor-binding domain, S glycoprotein RBD, Spike protein RBD
Gene ID	43740568
Protein Refseq	YP_009724390.1
UniProt ID	P0DTC2

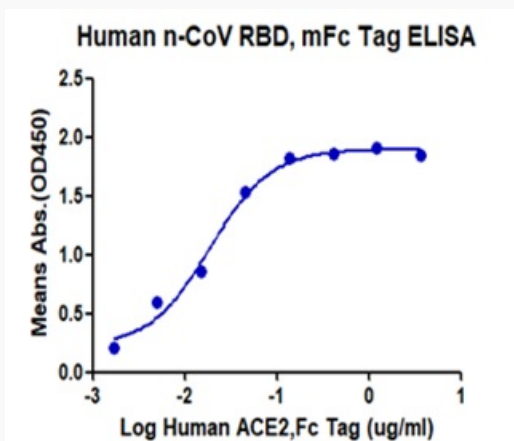
**Tris-Bis PAGE of
Spike-429V**



SEC-HPLC of Spike-429V



ELISA data of Spike-429V



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