Active Recombinant SARS-CoV S Protein, His-tagged

Cat. No. S-023S **Lot. No.** (See product label)

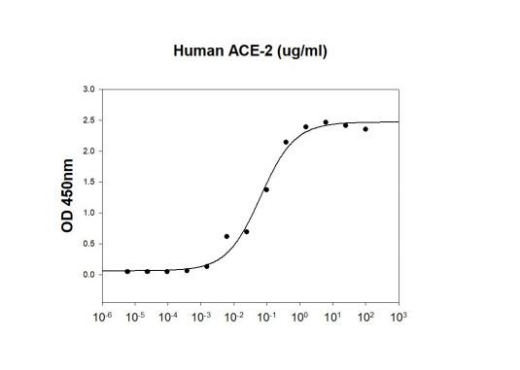
SPECIFICATION

Product Overview	Recombinant SARS-CoV spike RBD protein fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	SARS-CoV
Source	Insect cells
Description	May down-regulate host tetherin (BST2) by lysosomal degradation, thereby counteracting its antiviral activity.
Form	Liquid
Bio-activity	Measured by its binding ability in a functional ELISA with Human ACE-2.
Molecular Mass	24.7 kDa
AA Sequence	RVVPSGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLYNSTFFS TFKCYGVSATKLNDLCFSNVYADSFVVKGDDVRQIAPGQTGVIADYNYKLPDDFMG CVLAWNTRNIDATSTGNYNYKYRYLRHGKLRPFERDISNVPFSPDGKPCTPPALNC YWPLNDYGFYTTTGIGYQPYRVVVLSFELLNAPATVCGPKL
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE

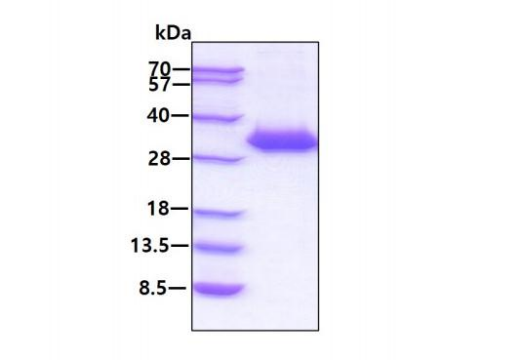
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE, Bioactivity
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -102 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	S spike glycoprotein [SARS coronavirus Tor2]
Official Symbol	S
Synonyms	S; spike glycoprotein; E2; spike glycoprotein
Gene ID	1489668
Protein Refseq	NP_828851.1
UniProt ID	P59594
Biological Activity	

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

	SARS-CoV Spike RBD is coated at 5μg/mL (100 μL/well) can bind ACE-2 in a Functional ELISA assay.
SDS-PAGE	 3 μg by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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