

## Active Recombinant SARS-CoV S Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	SARS-CoV
<b>Source</b>	Insect cells
<b>Description</b>	May down-regulate host tetherin (BST2) by lysosomal degradation, thereby counteracting its antiviral activity.
<b>Form</b>	Liquid
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA with Human ACE-2.
<b>Molecular Mass</b>	24.7 kDa
<b>AA Sequence</b>	RVVPSGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLYNSTFFS TFKCYGVSATKLNLDLCSNVYADSFVVKGDDVRQIAPGQTGVIADYNYKLPDDFMG CVLAWNTRNIDATSTGNVYKYRYLRHGKLRPFERDISNVPFSPDGKPCPPALNC YWPLNDYGFYTTTGIGYQPYRVVLSFELLNAPATVCGPKL
<b>Endotoxin</b>	< 1 EU/μg of protein (determined by LAL method)
<b>Purity</b>	> 95% by SDS-PAGE

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<b>Applications</b>	SDS-PAGE, Bioactivity
<b>Storage</b>	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.
<b>Concentration</b>	0.5 mg/mL (determined by Absorbance at 280nm)
<b>Storage Buffer</b>	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	S spike glycoprotein [ SARS coronavirus Tor2 ]
<b>Official Symbol</b>	S
<b>Synonyms</b>	S; spike glycoprotein; E2; spike glycoprotein
<b>Gene ID</b>	1489668
<b>Protein Refseq</b>	NP_828851.1
<b>UniProt ID</b>	P59594

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