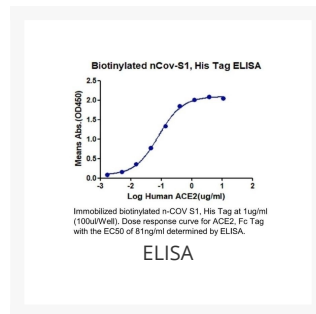




SARS-CoV-2 (COVID-19) Biotinylated Spike S1 Recombinant Protein

Cat. No.: 10-208



Ψ Specifications

SPECIES:	SARS-CoV-2 (COVID-19) Spike Protein
SOURCE SPECIES:	HEK293 cells
SEQUENCE:	Gln 14-Arg 683
FUSION TAG:	His-Avi Tag
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	SDS-PAGE
PREDICTED MOLECULAR WEIGHT:	Predicted: 77.9kD Observed: 110-120kD due to glycosylation

Ψ Properties

PURITY:	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
PHYSICAL STATE:	Lyophilized
BUFFER:	20mM PB (pH 7.4). 5 % trehalose is added as protectant before lyophilization.
STORAGE CONDITIONS:	Store in working aliquots at -20 °C. Avoid freeze/thaw cycles.

Ψ Additional Info

ALTERNATE NAMES:	S protein, Spike glycoprotein, S glycoprotein, Spike protein
ACCESSION NO.:	QHD43416.1

Ψ Background and References

BACKGROUND:	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.
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