

Product Datasheet

Recombinant SARS-CoV-2 Envelope (Avi Epitope Tag) His (N-Term) Avi-tag Protein NBP2-90986

Unit Size: 100 ug

Store at -20 to -70C. Avoid freeze-thaw cycles.

www.novusbio.com



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NBP2-90986**Recombinant SARS-CoV-2 Envelope (Avi Epitope Tag) His (N-Term) Avi-tag Protein**

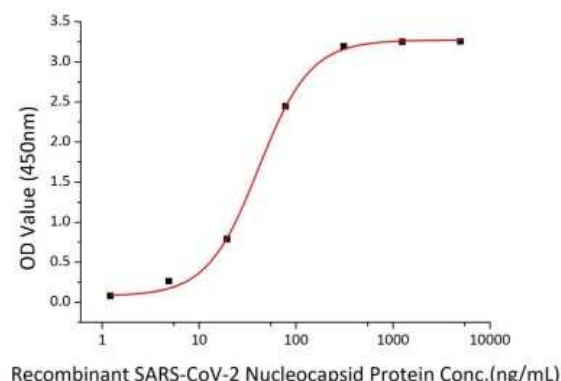
Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	Supplied as a 0.22 um filtered solution in 20mM Tris, 250mM NaCl, 0.5%TritonX-100, pH 8.0.
Target Molecular Weight	11.4 kDa

Product Description	
Description	<p>A full length recombinant protein with a N-Terminal His-tag and Avi epitope tag and corresponding to the amino acids sequence of (1-75) of the SARS-CoV-2 envelope protein</p> <p>Source: <i>E.coli</i></p> <p>MYSFVSEETGTLIVNSVLLFLAFVVFLVTLAILTALRLCAYCCNIVNVSLVKPSFY VYSRVKNLNSSRVPDLLV (Accession #YP_009724392.1)</p>
Gene ID	43740570
Gene Symbol	E
Endotoxin Note	< 0.1 EU/ug of the protein by LAL method.

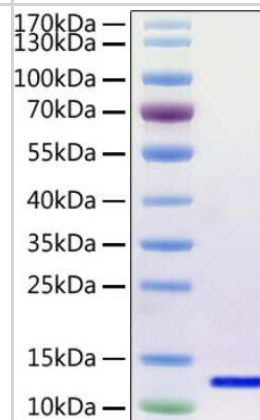
Product Application Details	
Applications	ELISA, SDS-Page
Recommended Dilutions	ELISA, SDS-Page
Application Notes	Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 Envelope at 2ug/mL (100 uL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid with a linear range of 1.2-41.1 ng/mL.

Images

ELISA: Recombinant SARS-CoV-2 Envelope (Avi Epitope Tag) His (N-Term) Avi-tag Protein [NBP2-90986] - Immobilized Recombinant SARS-CoV-2 Envelope at 2ug/mL (100 uL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid with a linear range of 1.2-41.1 ng/mL.



SDS-Page: Recombinant SARS-CoV-2 Envelope (Avi Epitope Tag) His (N-Term) Avi-tag Protein [NBP2-90986] - Recombinant SARS-CoV-2 Envelope Protein with His and Avi tag was determined by SDS-PAGE with Coomassie Blue, showing a band at 12 kDa.



Publications

Lin ZH, Yeh H, Lo HC et al. GMI, a fungal immunomodulatory protein, ameliorates SARS-CoV-2 envelope protein-induced inflammation in macrophages via inhibition of MAPK pathway International journal of biological macromolecules 2023-04-27 [PMID: 37119883]

Barnett KC, Xie Y, Asakura T et al. An epithelial-immune circuit amplifies inflammasome and IL-6 responses to SARS-CoV-2 Cell host & microbe 2022-12-09 [PMID: 36563691] (Biacore Binding Assay)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-90986

NBP3-07079	Recombinant SARS-CoV-2 Envelope N-BBP-His Protein
NBP3-07060	SARS-CoV-2 Envelope Antibody - BSA Free

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