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Product Datasheet

Human 2019-nCOV-S protein
BYT-ORB638762

Artikelname	Human 2019-nCOV-S protein
Artikelnummer	BYT-ORB638762
Hersteller Artikelnummer	orb638762
Alternativnummer	BYT-ORB638762-20,BYT-ORB638762-100,BYT-ORB638762-1
Hersteller	Biorbyt
Kategorie	Proteine/Peptide
Produktbeschreibung	This Human 2019-nCOV-S protein spans the amino acid sequence from region 16-685aa. Purity: Greater than 85% as determined by SDS-PAGE....
Molekulargewicht	79.6 kDa
UniProt	P0DTC2
Puffer	Lyophilized from a 0.2 μm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Quelle	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
Reinheit	Greater than 85% as determined by SDS-PAGE.
Formulierung	Lyophilized powder

Sequenz	VNLTTRTQLPPAYTNSFTRGVYYPDKVFRSSVLHSTQDLFLPFFSNVTWFHAIH VSGTNGTKRFDNPVLPFNDGVYFASTEKSNIIRGWIFGTTLDSKTQSLLIVNNA TNVVIKVCEFQFCNDPFLGVYYHKNNKSWMESEFRVYSSANNCTFEYVSQPFL MDLEGKQGNFKNLREFVFKNIDGYFKIYSKHTPINLVRDLPQGFSALEPLVDLPI GINITRFQTLLALHRSYLTPGDSSSGWTAGAAAYYVGYL
Anwendungsbeschreibung	Biological Origin: Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S at 2 μg/ml can bind human ACE2, the EC50 of SARS-CoV-2-S protein is 56.64 - 103.6 ng/ml. ②Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S at 2 μg/ml can bind SARS-CoV-2-S Antibody, the EC50 of SARS-CoV-2-S protein is 36.79-48.87 ng/ml. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference