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Product Datasheet

Human 2019-nCoV-N protein BYT-ORB638756

Article Name	Human 2019-nCoV-N protein
Biozol Catalog Number	BYT-ORB638756
Supplier Catalog Number	orb638756
Alternative Catalog Number	BYT-ORB638756-100,BYT-ORB638756-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human 2019-nCoV-N protein spans the amino acid sequence from region 1-419aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	48.0 kDa
UniProt	P0DTC9
Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Source	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
Purity	Greater than 90% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	MSDNGPQNQRNAPRITFGGSPDSTGSNQNNGERSGARSKQRRPQGLPNNTAS WFTALTQHGKEDLKFPRGQGVPIINTNSSPDDQIGYRRATRIRGGDGKMKD LSPRWYFYLLGTGPEAGLPYGANKDGIWVATEGALNTPKDHIGTRNPANNA IVLQLPQGTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSRGTS PAR MAGNGGDAALALLLLDRLNQLSKMSGKGGQQQQGQTVTKKSAEAS

Application Notes

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-N at 5 µg/ml can bind SARS-CoV-2-N Antibody, the EC50 of SARS-CoV-2-N protein is 43.50-118.4 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