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Product Datasheet

CoV-2 3CL Protein

BYT-ORB1471830

Article Name	CoV-2 3CL Protein
Biozol Catalog Number	BYT-ORB1471830
Supplier Catalog Number	orb1471830
Alternative Catalog Number	BYT-ORB1471830-0.25, BYT-ORB1471830-1, BYT-ORB1471830-100
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant Coronavirus 2019 3CL Protease...
Buffer	CoV-2 3CL solution contains 5 % Trehalose, 0.02 % Tween-20 and PBS, pH 7.4.
Purity	Protein is >98% pure as determined by SDS-PAGE and HPLC analyses.
Form	Filtered White lyophilized (freeze-dried) powder.
Sequence	SGFRKMAFPS GKVEGCMVQV TCGTTLNGL WLDDVVYCP HVICTSEDMV NPNYEDLLIR KSNHNFLVQA GNVQLRVIGH SMQNCVLKL VDTANPKTPK YKFVRIQPGQ TFSVLACYNG SPSGVYQCAM RPNFTIKGSF LNGSCGSVGF NIDYDCVSFC YMHHMELPTG VHAGTDLEGN FYGPFVDRQT AQAAGTDTI TVNVLAWLya Avingdrwfl NRFTTTLNDF NL

Application Notes

Solubility: It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. CoV-2 3CL is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture. Biological Activity: CoV-2 3CL is a cysteine protease that cleaves proteins with sequences including LQ(S/A/G). The cleavage takes c-terminal to the glutamine residue. Application Notes: Viral Antigens- Sars Proteins