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32-13823: CoV OC43 Human

Description

Source:Escherichia Coli.
Physical Appearance:Sterile Filtered colorless solution.
Biological Activitynull
OC43 is 1 of 7 known coronaviruses to infect human, including CoV-229E, CoV-NL63, CoV-HKU1, MERS-CoV, the original SARS-CoV1, and SARS-CoV-2 (Covid 19). CoV-OC43, human alpha- coronavirus 229E and NL63, beta-coronavirus and HCoV-HKU1 are responsible for the common cold. like other betacoronavirus, CoV-OC43 has an additional shorter spike protein called hemagglutinin esterase. Human coronavirus OC43 belongs to the species beta-coronavirus which are enveloped, positive-sense, singlestranded RNA virus which enters its host cell by binding to the Nacetyl-9-O-acetylneuraminic acid receptor.
Recombinant Human Coronavirus OC43 Nucleoprotein is full length protein except the predicted signal peptide of the first 30 aa produced in E. coli and migrate at 50kDa.The CoV OC43 is fused to a 6xHis tag at its C terminal and purified by proprietary chromatographic technique.

Product Info

Amount :	0.5 mg / 100 µg
Purification :	Protein is >90% pure as determined by 10% PAGE (coomassie staining).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	DQFRNVQTRG RRAQPKQTST SQQPSGGNVV PYYSWFSGIT QFQKGKEFEF AEGQGVPIAP GVPATEAKGY WYRHNRRSFK TADGNQRQLL PRWYFYYLGT GPHAKDQYGT DIDGVFWVAS NQADVNTPAD IVDRDPSSDE AIPTRFPPGT VLPQGYYIEG SGRSAPNSRS TSRTSSRASS AGSRSRANSG NRAPTSGVTP DMADQIASLV LAKLGKDATK PQQVTKHTAK EVRQKILNKP RQKRSPNKQC TVQQCFGKRG PNQNFGGGEM LKLGTSDPQF PILAELAPTA GAFFFGSRLELAKVQNLSGN PDEPQKDVYE LRYNGAIRFD STLSGFETIM KVLNENLNAY QQQDGMMNMS PKPQRQRGLK NGQGENDNIS VAAPKSRVQQ NKSRELTAED ISLLKKMDEP YTEDTSEI

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