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32-5373: Recombinant Coronavirus 229E

Description

Source : Escherichia Coli. The Recombinant Human Coronavirus 229E, E.Coli derived, **39-350 amino acids**, contains the nucleocapsid immunodominant regions. The protein is fused to a His tag at C-terminal and purified by standard chromatography techniques. Human coronavirus 229E is a single-stranded, positive-sense, RNA virus species in the Alphacoronavirus genus of the subfamily Coronavirinae, in the family Coronaviridae, of the order Nidovirales. There are four globally distributed known human coronaviruses - HCoV-229E, HCoV-HKU1, HC0V-NL63 and HCoV-OC43, which are found in different locations around the world at different times of the year. Coronavirus 229E and Human coronavirus OC43 are known to be the cause for the common cold. HCoV-229E is related to large range of respiratory symptoms, from the common cold to high-morbidity diseases such as pneumonia and bronchiolitis. Additionally, between the Coronaviruses, HCoV-229E is the most frequently co-detected with other respiratory viruses, mainly with HRSV (Human respiratory syncytial virus).

Product Info

Amount :	0.5 mg
Purification :	Protein is >95% pure as determined by 10% PAGE (coomassie staining).
Content :	PBS and 3M Urea.
Storage condition :	Coronavirus 229E Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	39-350 aminoAcid - P RNLVPINKKD KNKLIGYWNV QKRFRTRKGK RVDLSPKLHF YYLGTGPHKD AKFRERVEGV VWVAVDGAKT EPTGYGVRRK NSEPEIPHFN QKLPNGVTVV EEPDSRAPSR SQSRSQSRGR GESKPQSRNP SSDRNHNSQD DIMKAVAAAL KSLGFDKPQE KDKKSAKTGT PKPSRNQSPA SSQTSAKSLA RSQSSETKEQ KHEMQKPRWK RQPNDDVTSN VTQCFGPRDL DHNFGSAGVV ANGVKAKGYP QFAELVPSTA AMLFDSHIVS KESGNTVVLT FTTRVTVPKD HPHLGKFLEE LNAFTREMQQ

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