

Coronavirus 229E Recombinant

Item Number rAP-5465

Synonyms

Description The Recombinant Human Coronavirus 229E, E.Coli derived, 361 amino acids, contains the nucleocapsid immunodominant regions. The protein is fused to a His tag at C-terminal and purified by standard chromatography techniques.

Uniprot Accession Number

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered clear solution. Coronavirus 229E Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Formulation and Purity PBS and 3M Urea. Protein is >95% pure as determined by 10% PAGE (coomassie staining).

Application Coronavirus 229E nucleocapsid has high immunogenicity, reactive to its specific antibody produced by infected individuals. Recombinant 229E nucleocapsid has been used as a diagnostic agent to detect anti-coronavirus antibody in clinical study.

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**