

Catalog# BP- 50575

## Sotrovimab Biosimilar (SARS-CoV-2 Spike Monoclonal Antibody)

Sotrovimab is an Fc-engineered human monoclonal antibody directed against the spike protein of SARS-CoV-2. sotrovimab is a human monoclonal antibody (IgG1κ isotype). sotrovimab biosimilar uses the same protein sequences as the therapeutic antibody sotrovimab. sotrovimab/imdevimab is a combination medicine used for the treatment and prevention of COVID-19. It consists of two human monoclonal antibodies, sotrovimab and imdevimab that must be mixed together and administered as an infusion or subcutaneous injection. The combination of two antibodies is intended to prevent mutational escape. sotrovimab and imdevimab bind distinct epitopes on the RBD with dissociation constants  $K_D$  of 46 and 47 pM, respectively. Please contact us if you are interested in the anti-SARS-CoV-2 spike monoclonal antibody imdevimab biosimilar.

Product Details	
CAS No.	2423014-07-5
Species Reactivity	Human
Source	Sotrovimab biosimilar CHO cells
Isotype	Human IgG1 kappa
Class	Monoclonal
Type	Antibody
Clone	Sotrovimab Biosimilar
Conjugate	Unconjugated
Immunogen	Human spike protein of SARS-CoV-2
Purity	>95%
Molecular Weight	146.463 kDa
Protein Concentration	1 mg/ml
Formulation	0.2 μM filtered PBS solution, pH 7.4
Storage conditions	4°C for short time, -20°C or -80°C for long time.