

CATALOGUE #: 8COV1

PRODUCT NAME: SARS-CoV-2 Spike RBD, recombinant

Source:	Expressed in a mammalian cell line
Description:	<p>Spike RBD (receptor-binding domain) is a fragment Arg319-Phe541 of SARS-CoV-2 Spike surface glycoprotein [Severe acute respiratory syndrome coronavirus 2] GenBank: QHD43416.1.</p> <p>Contains C-terminal His₆-tag.</p> <p>Theoretical MW 25921 Da including His₆-tag.</p> <p>Theoretical pI: 8.91.</p>
Applications:	Antigen for detection of anti-(SARS-CoV-2 Spike RBD) antibodies
Analysis:	<p>Purity > 95%</p> <p>Concentration is determined spectrophotometrically at A280 using extinction coefficient 1.3.</p>
Purification:	Metal affinity chromatography
Presentation:	<p>Lyophilized from PBS, pH 7.4</p> <p>It is recommended to reconstitute this product with deionized water to its initial concentration.</p>
Storage:	<p>Lyophilized at -20°C (-15 ... -30 °C allowed)</p> <p>Reconstituted at -70°C (-65 ... -80 °C allowed)</p>
Other information:	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.
Material safety note:	This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material.