## Datasheet

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## CATALOGUE #: 8COV1

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

Source:	Expressed in a mammalian cell line
Description:	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.
	Contains C-terminal His₀-tag.
	Theoretical MW 25921 Da including His₀-tag.
	Theoretical pl: 8.91.
Applications:	Antigen for detection of anti-(SARS-CoV-2 Spike RBD) antibodies
Analysis:	Purity > 95%
	Concentration is determined spectrophotometrically at A280 using extinction coefficient 1.3.
Purification:	Metal affinity chromatography
Presentation:	Lyophilized from PBS, pH 7.4
	It is recommended to reconstitute this product with deionized water to its initial concentration.
Storage:	Lyophilized at -20°C (-1530 °C allowed)
	Reconstituted at -70°C (-6580 °C allowed)
Other information:	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.
Material safety note:	This product is sold <b>for research or further manufacturing use only</b> . Standard Laboratory Practices should be followed when handling this material.



SCIENTIFIC EXCELLENCE FOR IVD

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