



DataSheet

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 His₆-tag.

Theoretical MW 25921 Da including His₆-tag.

Theoretical pI: 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 (-15 ... -30 °C allowed)

Reconstituted at -70°C (-65 ... -80 °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 **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

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