

Datasheet for ABIN7580941

SARS-CoV-2 Protein (BA.2 – Omicron, RBD) (His tag)



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1 Publication

Overview

Quantity:	100 µg
Target:	SARS-CoV-2
Protein Characteristics:	BA.2 – Omicron, RBD
Origin:	SARS Coronavirus-2 (SARS-CoV-2)
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV-2 protein is labelled with His tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Recombinant SARS-CoV-2 RBD (Omicron/BA.2) Protein, C-His
Sequence:	Arg316-Lys534

Target Details

Target:	SARS-CoV-2
Alternative Name:	SARS-CoV-2 (SARS-CoV-2 Products)
Background:	Spike glycoprotein, S glycoprotein, E2, Peplomer protein, Spike protein S1, S, Receptor-Binding Domain, RBD, RBD (BA.2), SARS-like Coronaviruses
Molecular Weight:	27.97 kDa

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in sterile water for a stock solution.

Buffer: Lyophilized from a solution in PBS pH 7.4, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.

Publications

Product cited in: Wu, Cong, Wei, Hu, Sun, Ran, Liao, Zheng, Ye: "A Naïve Phage Display Library-Derived Nanobody Neutralizes SARS-CoV-2 and Three Variants of Concern." in: **International journal of nanomedicine**, Vol. 18, pp. 5781-5795, (2023) ([PubMed](#)).