Datasheet for ABIN7384592

SARS-CoV-2 Spike Protein (RBD, XBB.1.5 - Omicron) (His tag)

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Overview

Quantity:	100 µg
Target:	SARS-CoV-2 Spike
Protein Characteristics:	RBD, XBB.1.5 - Omicron
Origin:	SARS Coronavirus-2 (SARS-CoV-2), SARS CoV-2 Omicron
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV-2 Spike protein is labelled with His tag.

Product Details

Purpose:	SARS-CoV-2 Spike RBD Protein, His Tag (XBB.1.5/Omicron)
Characteristics:	SARS-CoV-2 Spike RBD Protein, His Tag (XBB.1.5/Omicron) is expressed from human 293 cells (HEK293). It contains AA Arg 319 - Lys 537 (Accession # QHD43416.1 (G339H, R346T, L368I, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, V445P, G446S, N460K, S477N, T478K, E484A, F486P, F490S, Q498R, N501Y, Y505H). The spike mutations are identified on the SARS-CoV-2 Omicron variant (Pango lineage: XBB.1.5). Predicted N-terminus: Arg 319
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	SARS-CoV-2 Spike
Abstract:	SARS-CoV-2 Spike Products
Background:	Synonym: Spike, S protein RBD, Spike glycoprotein Receptor-binding domain, S glycoprotein

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Target Details

	RBD, Spike protein RBD
Molecular Weight:	26.8 kDa

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	-20 °C
Storage Comment:	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state -70°C for 3 months under sterile conditions after reconstitution.

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