

For Research Use Only

SARS-CoV-2 Spike Recombinant VHH [NM1267]



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Catalog Number: sc-NM1267

Basic Information

Catalog Number:

sc-NM1267

Clone No.:

NM1267 (NM1230-NM1226 fusion) [Wagner et al. EMBO Rep. 2021 May 5;22(5):e52325. PMID: 33904225]

Applications:

BLI, Multiplex ACE2 competition assay

Host:

Alpaca, recombinantly produced

Conjugate:

Unconjugated

Type:

Nanobody / VHH, biparatopic

Class:

Recombinant

RRID:

AB_2892257

Purification Method:

Recombinant expression, affinity purification by IMAC.
Note: SARS-CoV-2 Spike Recombinant VHH carries a C-terminal His-tag.

Description

Recombinant bivalent Nanobody against the Receptor-binding domain (RBD) of SARS- CoV-2 Spike protein

Affinity (K_D)

NM1230: 9.5 nM

NM1226: 7.0 nM

Storage

Storage:

Aliquot upon receipt and store at -20°C/-4°F. Avoid freeze-thaw cycles.

Storage Buffer:

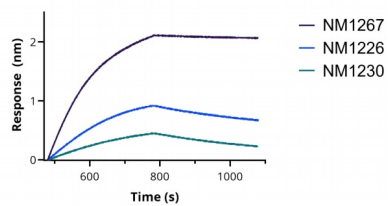
PBS, 0.09% sodium azide
Safety datasheet (SDS): sodium azide

For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

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Selected Validation Data



BLI binding kinetics of SARS-CoV-2 Spike Recombinant VHH [NM1267] to RBD. Biotinylated RBD was immobilized on FortéBio Streptavidin (SA) Biosensors and assayed with 25 nM of SARS-CoV-2 Spike Recombinant VHH [NM1267] (ChromoTek sc-NM1267). For comparison the binding kinetics of 25 nM SARS-CoV-2 Spike Recombinant VHH [NM1226] (ChromoTek sc-NM1226) and SARS-CoV-2 Spike Recombinant VHH [NM1230] (ChromoTek sc-NM1230) are shown.