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# 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:

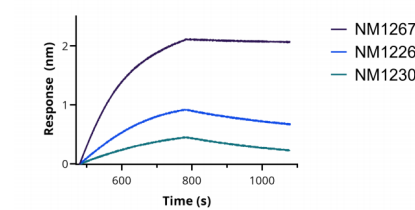
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## Selected Validation Data



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.