

## S Protein RBD domain SARS-CoV2

Long Name:

**Spike Protein RBD domain (319 - 541) SARS-CoV2**

Catalog Number (DU Number):

**DU67753**

Accession:

**QHD43416.1**

Expression

**bacteria**

Terminus and Tag:

**N-Term MBP Uncleaved**

Purification Method:

**Amylose resin**

Calculated Molecular Mass:

**Mono-Isotopic Mass: 69, 293.75 daltons**

**Average Mass: 69, 337.32 daltons**

Purity:

**85 %**

Storage Buffer:

**50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.03 % Brij-35**

Storage Temperature:

**-70 °C**

Theoretical PI:

**5.43**

Gel Information :

**Gel Image 1:**



Native Sequence:

**MKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGIKVTVHEHPDKLEEKFPQVAATGDGPDIIFWAHDRF  
GGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALD  
KELKAKGKSALMFNLQEPYFTWPLIAADGGYAFKYENGGYDIKDVGVNAGAKAGLTFLVDLIKNDK  
MNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGINAAS  
PNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELVKDPRIAATMENAQKGEIMPNIQMS  
AFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNNNNNNNNLGDGDDDKVPEFLEVLFFQGGLGSR  
VQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRKRISNCVADYSVLYNSASFSTFKCYGVSPTKL  
NDLCFTNVYADSFVIRGDEVRQIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYNLYRL  
FRKSNLKPFERDISTEIQAGSTPCNGVEGFNCYFPLQSYGFQPTNGVGYQPYRVVLSFELLHAPAT  
VCGPKKSTNLVKNKCVNF** Amino acids R319 – F541 (end residue T1273). Residue R404 of the fusion protein is equivalent to R319 of the native enzyme. The MBP tag is located at residues 1 – 367.

Protease Cleavage:

**PreScission (LEVLFFQGP) residues 393 – 400**

Price per aliquot (100µg):

**£110.00**