

## NSP16 SARS-CoV2

Long Name:

**NSP16 (1 - 298) SARS-CoV2**

Catalog Number (DU Number):

**DU67721**

Accession:

**QHD43415.1**

Expression

**bacteria**

Terminus and Tag:

**N-Term MBP Uncleaved**

Purification Method:

**Amylose Resin**

Calculated Molecular Mass:

**Mono-Isotopic Mass: 77, 513.12 daltons**

**Average Mass: 77, 562.24 daltons**

Purity:

**90 %**

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:

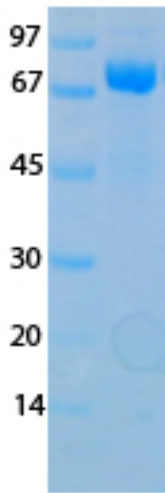
**-70 °C**

Theoretical PI:

**5.28**

Gel Information :

**Gel Image 1:**



Native Sequence:

**MKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGIKVTVEHPDKLEEKFPQVAATGDGPDIIFWAHDRF  
 GGYAQSGLLAEITPKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALS LIYNKDLLPNPKTWEEIPALD  
 KELKAKGKSALMFNLQEPYFTWPLIAADGGYAFKYENGYDIKDVGVNAGAKAGLTFLVDLIKNDH  
 MNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGINAAS  
 PNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKS YEEELVKDPRI AATMENAQKGEIMP NIPQMS  
 AFWYAVRTAVINAASGRQTVDEALKDAQTNSSSNNNNNNNNNLGD DDDKVPEFLEVL FQG PLGSS  
 SQAWQPGVAMPNLYKMQRMLLEKCDLQNYGDSATLPKGIMMNVAKYTQLCQYLNTLTLAVPYNMR  
 VIHFGAGSDKGVAPGTAVLRQWLPTGTLVDSDLNDFVSDADSTLIGDCATVHTANKWDLIISDMYDP  
 KTKNVTKENDSKEGFFTYICGFIQK LALGG SVAIKITEHSWNADLYKLMGHFAWWTAFVTNVNASS  
 SEAFLIGCNYL GKPREQIDGYVMHANYIFWRNTNPIQLSSYS LFDMSKFPLKLRGTAVMSLKEGQIND  
 MILSLLSKGRLLIIRENNRVVISSDVLVNN** Amino acids S1 – N298 (end). Residue S404 of the fusion  
 protein is equivalent to S1 of the native enzyme. The MBP tag is located at residues 1 – 367.

Protease Cleavage:

**PreScission (LEVL FQGP) residues 393 – 400**

Price per aliquot (100µg):

**£110.00**