

NSP5 SARS-CoV2

Long Name:

NSP5 (1 - 306) SARS-CoV2

Catalog Number (DU Number):

DU67777

Accession:

QHD43415.1

Expression

bacteria

Terminus and Tag:

N-Term MBP Uncleaved

Purification Method:

Amylose resin

Calculated Molecular Mass:

Mono-Isotopic Mass: 77, 985.87 daltons

Average Mass: 78, 035.56 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:

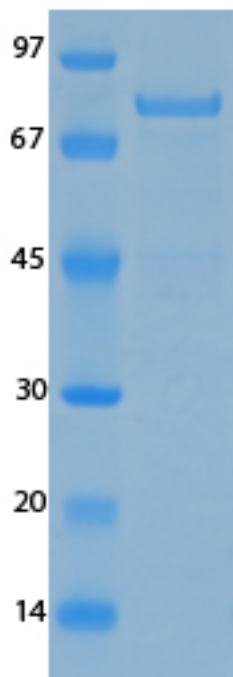
-70 °C

Theoretical PI:

5.12

Gel Information :

Gel Image 1:



Native Sequence:

**MKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGIKVTVEHPDKLEEKFPQVAATGDGPDIIFWAHDRF
GGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALS LIYNKDLLPNPPKTWEEIPALD
KELKAKGKSALMFNLQEPYFTWPLIAADGGYAFKYENGGYDIKDVGVNDNAGAKAGLTFLVDLIKNGH
MNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGINAAS
PNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKS YEEELVKDPRIAATMENAQKGEIMPNIQMS
AFWYAVRTAVINAASGRQTVDEALKDAQTNSSNNNNNNNNNNLGD DDDKVPEFLEVL FQGPLGSS
GFRKMAFPSGKVEGCMVQVTCGTTTTLNGWLDDVVYCPRHVICTSEDMLNPNYEDLLIRKSNHNFLV
QAGNVQLRVIGHSMQNCVLKLVDTANPKTPKYKFVRIQPGQTF SVLACYNGSPSGVYQCAMRPNF
TIKGSFLNGSCGSVGFNIDYDCVSFCYMHHMELPTGVHAGTDLEGNFYGPFVDRQTAQAAGTDTTIT
VNVLAWLYAAVINGDRWFLNRFTTTLNDFNLVAMKYNYEPLTQDHVDILGPLSAQTGIAVLDMCASL
KELLQNGMNGRTILGSALLEDEFTPF DVVRQCSGVTFQ** Amino acids S1 – Q306 (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