

## NSP5 SARS-CoV2

Long Name:

**NSP5 (1 - 306) SARS-CoV2**

Catalog Number (DU Number):

**DU67779**

Accession:

**QHD43415.1**

Expression

**bacteria**

Terminus and Tag:

**N-Term GST Uncleaved**

Purification Method:

**GSH-Agarose**

Calculated Molecular Mass:

**Mono-Isotopic Mass: 60, 581.13 daltons**

**Average Mass: 60, 620.81 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:

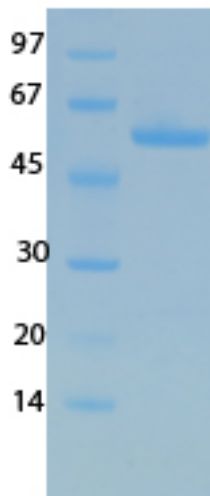
**-70 °C**

Theoretical PI:

**5.84**

Gel Information :

**Gel Image 1:**



Native Sequence:

**MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQS  
 MAIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKDFETLKVDFLSKLPEMLKMFEDRL  
 CHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQG  
 WQATFGGGDHPKSDLEVL FQGPLGSSGFRKMAFPSGKVEGCMVQVTCGTTTLNGLWLDDVVYCP  
 RHVICTSEDMLNPYEDLLIRKSNHNFLVQAGNVQLRVIGHSMQNCVLKLVDTANPKTPKYK FVRIQ  
 PGQTFSVLACYNGSPSGVYQCAMRPNFTIKGSFLNGSCG SVGFNIDYDCVSFCYMHMELPTGVHA  
 GTDLEGNFYGPFVDRQTAQAAGTDTTITVNVLAWLYAAVINGDRWFLNRFTTTLNDFNLVAMKYNYE  
 PLTQDHVDILGPLSAQTGIAVLDMCASLKELLQNGMNGRTILGSALLEDEFTPFDVVRQCSGVTFQ**

**Amino acids S1 – Q306 (end). Residue S232 of the fusion protein is equivalent to S1 of the native enzyme. The GST tag is located at residues 1 – 220.**

Protease Cleavage:

**PreScission (LELVFQGP) residues 221 - 228**

Price per aliquot (100µg):

**£110.00**

