

NSP14 SARS-CoV2

Long Name:

NSP14 (1 - 527) SARS-CoV2

Catalog Number (DU Number):

DU66418

Accession:

QHD43415.1

Expression

bacteria

Terminus and Tag:

N-Term GST Uncleaved

Purification Method:

GSH-Agarose

Calculated Molecular Mass:

Mono-Isotopic Mass: 86, 583.01 daltons

Average Mass: 86, 639.83 daltons

Purity:

80 %

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:

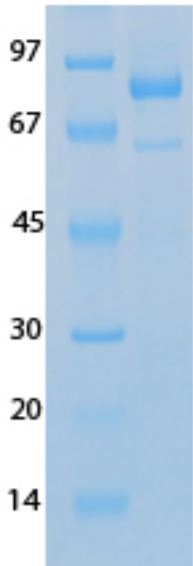
-70 °C

Theoretical PI:

6.81

Gel Information :

Gel Image 1:



Native Sequence:

**MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQS
MAIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKDFETLKVDFLSKLPEMLKMFEDRL
CHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQG
WQATFGGGDHPKSDLEVL FQGPLGSAENV TGLFKDCSKVITGLHPTQAPTHLSVDTKFKTEGLCVD
IPGIPKDMTYRRLISMMGFKMNYQVNGYPNMFITREEAIRHVRAWIGFDVEGCHATREAVGTNLPLQL
GFSTGVNLVAVPTGYVDTPNNTDFSRVSAKPPPGDQFKHLIPLMYKGLPWNVVR IKIVQMLSDTLKNL
SDRVVFLWAHGFELTSMKYFVKIGPERTCCLCDRRATCFSTASDTYACWHHSIGFDYVYNPFMIDV
QQWGFTGNLQSNHDLYCQVHGNAHVASCDAIMTRCLAVHECFVKRVDWTIEYPIIGDELKINAACRK
VQHMVVKAALLADKFPVLHDIGNPKAIKCVPQADVEWKFYDAQPCSDKAYKIEELFYSYATHSDKFT
DGVCLFWNCNVD RYPANSIVCRFDTRVLSNLNLP GCDGGS LYVNKHAFHTPAFDKSAFVNLKQLPFF
YYSDSPCESHGKQVSDIDYVPLKSATCITRCNLGGAVCRHHANEYRLYL DAYNMMISAGFSLWVYK
QFDTYNLWNTFTRLQ** Amino acids A1 – Q527 (end). Residue A232 of the fusion protein is
equivalent to A1 of the native enzyme. The GST tag is located at residues 1 – 220.

Protease Cleavage:

PreScission (LEVL FQGP) residues 221 - 228

Price per aliquot (100µg):

£110.00



University
of Dundee