

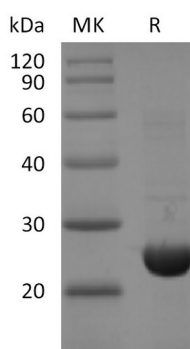
Product Name: Recombinant SARS-CoV-2 NSP8 (C-6His)
Catalog #: PEV2236



Summary

Name	NSP8
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	Please contact with the lab for this information
Construction	Recombinant 2019-nCoV NSP8 is produced by our E.coli expression system and the target gene encoding Ala1-Gln198 is expressed with a 6His tag at the C-terminus.
Accession #	YP_009725304.1
Host	E.coli
Species	SARS-CoV-2
Predicted Molecular Mass	25 KDa
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	SARS-CoV 2 nsp8
Background	Cleavage by the viral main protease, 3CLpro results in generating the nsp8 protein,

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The nsp8 protein has been shown to associate with several other nsps and to colocalize with these nsps in cytoplasmic complexes that are important for viral RNA synthesis. It forms a hexadecamer with nsp7 (8 subunits of each) that may participate in viral replication by acting as a primase. Alternatively, may synthesize substantially longer products than oligonucleotide primers. Nsp8 was shown to have RNA-dependent RNA polymerase (RdRp) activity that could be involved in producing primers utilized by nsp12 which is normally accepted to be the RdRp for SARS-CoV.

Note

For Research Use Only , Not for Diagnostic Use.