

Recombinant COVID-19 N protein, His-tagged

Cat. No. N-6133V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 N protein(P0DTC9)(1-419aa(P13L,Δ31-33,E136D,R203K,G204R,S413R)), fused with N-terminal His tag, was expressed in E.coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	1-419a.a.(P13L,Δ31-33,E136D,R203K,G204R,S413R)
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MSDNGPQNQRNAPRITFGGSPDSTGSNQNGGARSQRRPQGLPNNTASWFTALT
 QHGKEDLKFPRGQGVPIINTNSSPDDQIGYYRRATRRIRGGDGKMKDLSPRWYFYFL
 GTGPEAGLPYGANKDGIWVATD GALNTPKDHIGTRNPANNAIVLQLPQGTTLPKG
 FYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAALALLLLD
 RLNQLESKMSGKGQQQQGQTVTKKSAAEASKKPRQKRTATKAYNVTQAFGRRGP
 EQTQGNFGDQELIRQGT DYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGTWLTYT
 GAIKLDDKDPNFKDQVILLNKHIDAYKTFPPTPKKDKKKKADETQALPQRQKKQQT
 VTLLPAADLDDFSKQLQQSMSRADSTQA

SDS-PAGE

