

SARS-CoV-2, N-proteins (Recombinant)

Product# BCL-CON-N01, BCL-CON-N02
 BCL-CON-C01, BCL-CON-C02
 BCL-CON-F01, BCL-CON-F02

Nucleus (N) protein of SARS-COV-2 make a complex with its RNA gene from a capsid structure. N protein is the most abundant protein of SARS-COV-2 and highly immunogenic, and infected human often shows high antibody to N proteins. N protein is composed of three domains, called N terminus domain (NTD) related with RNA binding, C terminus domain (CTD) related with formation of complexes, and liner region of the two domains which is related with phosphorylation.

Beacle constructed NTD, CTD and full-length N proteins using E coli as host cell. Each protein has tagged and non-tagged products. By using suitable protein, it is possible to functional analysis and construct antibody-detecting ELISA systems.

Host cell : *E. Coli*
 appearance : solution (1 M NaCl, Tris-HC, pH 8.0)
 affinity : all proteins bind to each specific antibody
 quantity : 100µg/100µL
 purity : refer to SDS-PAGE below
 application : standard, antibody-detecting ELISA, and others
 storage : 4°C (for long term store at -20°C, do not repeat freeze and thaw)

Product information

Product #	Product name
BCL-CON-N01	SARS-COV-2. N protein, NTD-tag (Recombinant)
BCL-CON-N02	SARS-COV-2. N protein, NTD-no tag (Recombinant)
BCL-CON-C01	SARS-COV-2. N protein, CTD-tag (Recombinant)
BCL-CON-C02	SARS-COV-2. N protein, CTD-no tag (Recombinant)
BCL-CON-F01	SARS-COV-2. N protein, full length-tag (Recombinant)
BCL-CON-F02	SARS-COV-2. N protein, full length-no tag (Recombinant)

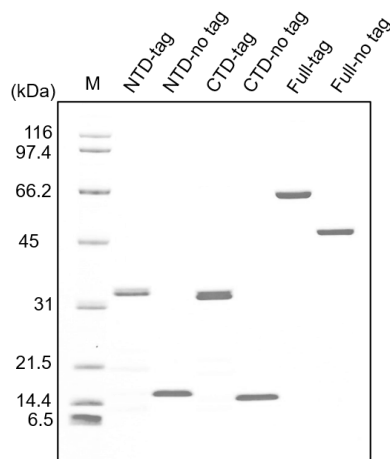


Fig. SDS-PAGE (CBB staining)

Beacle, Inc. E-mail: technical-support@beacle.com HP: http://www.beacle.com
