SARS Nucleocapsid protein N2 Recombinant Protein | SARS N recombinant protein

SARS Nucleocapsid protein N2 Recombinant

CATALOG #	HOST
AAA76061	**E Coli (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)**

PRODUCT SYNONYMS

SARS Nucleocapsid protein N2; SARS Nucleocapsid protein N2 Recombinant; sars; nucleocapsid; SARS N recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)
Purity/Purification	>95%, as determined by SDS-PAGE.
Form/Format	Lyophilized from 50mM Tris-HCl, 60mM NaCl and 50% glycerol.
Sequence Length	422
Host Note	DNA sequence encoding immunodominant fragment of SARS Nucleocapsid protein was expressed in Escherichia Coli.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Molecular Weight Note	Recombinant SARS N encodes the C terminal immunodominant sequences of the SARS Nucleocapsid protein. Recombinant SARS N contains an N terminal GST purification tag and migrates as an approximately 43 kDa protein under non-reducing conditions and reducing conditions in SDS-PAGE.
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C. Upon reconstitution, this protein can be stored in working aliquots at 2 degree - 8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for SARS N recombinant protein	Viral Antigens

NCBI AND UNIPROT INFORMATION

NCBI GI #	29836503
NCBI GeneID	1489678
NCBI Accession #	NP_828858.1
NCBI GenBank Nucleotide #	NC_004718.3
UniProt Accession #	P59595; Q7T3Z4; Q7TA14; Q7TF99; Q80E50
Molecular Weight	46,025 Da
NCBI Official Full Name	nucleocapsid protein

UniProt Protein Name	Nucleoprotein
UniProt Gene Name	**N**
UniProt Synonym Gene Names	NC; Protein N
UniProt Entry Name	NCAP_CVHSA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/n-recombinant-protein-e-coli/76061