



## Recombinant SARS-CoV (aa 1-49) [GST] (DAGA-2009)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Coronavirus (SARS assoc) Nucleo. (1-49) Recomb. Coronavirus, SARS Associated, Nucleocapsid (Amino Acids 1-49), Recombinant Contains the Nucleocapsid protein immunodominant region. Contains GST fusion partner. Immunoreactive with SARS positive sera. Molecular weight is 31.6 kDa. May appear as multiple bands on SDS-PAGE (intact protein at 31.6 kDa, GST fusion protein at 26 kDa and the Nucleocapsid fragment at 5.6 kDa).
<b>Antigen Description</b>	SARS Coronavirus is an enveloped virus containing three outer structural proteins, namely the membrane (M), envelope (E), and spike (S) proteins. Spike (S)-glycoprotein of the virus interacts with a cellular receptor and mediates membrane fusion to allow
<b>Species</b>	Coronavirus
<b>Purity</b>	> 95% pure (10% PAGE, Coomassie Staining)
<b>Conjugate</b>	GST
<b>Applications</b>	Suitable for use in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Molecular Weight</b>	31.6 kDa
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Buffer</b>	50 mM Tris-HCl, pH 8.0, 60 mM Sodium Chloride containing 50% Glycerol.
<b>Preservative</b>	None

**Storage**

Upon receipt, store at -20°C

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## BACKGROUND

**Keywords**

SARS-CoV Nucleocapsid core protein;Severe acute respiratory syndrome-CoV Nucleocapsid core protein;Severe acute respiratory syndrome;SARS

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