



## Recombinant SARS Matrix Protein (a.a. 182-216) [GST] (DAG1352)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant SARS-CoV Matrix protein containing 182-216 amino acids immunodominant regions was expressed in <i>E. coli</i> and purified by proprietary chromatographic technique.
<b>Species</b>	SARS
<b>Purity</b>	> 95% pure as determined by 10% PAGE (coomassie staining).
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	SARS Matrix antigen can be used for ELISA and Western blots, excellent antigen for detection of SARS with minimal specificity problems.
<b>Format</b>	Liquid
<b>Size</b>	100 µg, 500 µg, 1 mg
<b>Buffer</b>	50mM Tris-HCl, 60mM NaCl, and 50% glycerol.
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

### BACKGROUND

<b>Introduction</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 viral entry into susceptible target cells. Accordingly, S-protein plays an important role in virus infection cycle and is the primary target of neutralizing antibodies.
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**Keywords**

SARS Matrix Protein; SARS; SARS M Protein; SARS M

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