



Recombinant SARS Envelope Protein (a.a. 1-76) [GST] (DAG2411)

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

PRODUCT INFORMATION

Product Overview	The E.coli derived 43 kDa recombinant protein contains the N-terminus Envelope protein 1-76 amino acids immunodominant regions.
Nature	Recombinant
Expression System	E. coli
Species	SARS
Purity	> 95%, based on SDS PAGE
Conjugate	Unconjugated
Applications	WB standard, antibody ELISA, immunogen, etc. Specificity: >95% , based on SDS PAGE
Procedure	None
Format	Liquid
Buffer	50mM Tris-HCl, 60mM NaCl and 50% glycerol
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction A novel coronavirus has been identified as the causative agent of SARS (Severe Acute Respiratory Syndrome). Coronaviruses are a major cause of upper respiratory diseases in humans. The genomes of these viruses are positive stranded RNA approximately 27 to 31kb in length. SARS infection can be mediated by the binding of the viral spike protein, a glycosylated 139 kDa protein and the major surface antigen of the virus, to the angiotensin converting enzyme 2 (ACE2) on target cells. This binding can be blocked by a soluble form of ACE2.

Keywords SARS Envelope Protein; SARS; SARS E Protein; SARS E