

## Product datasheet

# Human coronavirus SARS M peptide ab39841

### Overview

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**Product name** Human coronavirus SARS M peptide

### Description

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**Nature** Synthetic

**Amino Acid Sequence**

**Accession** [P59596](#)

**Species** Human coronavirus

**Molecular weight** 2 kDa

**Amino acids** 172 to 221

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab39841** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** ELISA  
Western blot

**Form** Liquid

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Preservative: 0.02% Sodium Azide  
Constituents: 0.1% BSA, PBS, pH 7.2

### General Info

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**Relevance** A novel coronavirus has recently 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 27-31kb in length. The M protein (Membrane protein, Matrix protein) is one of the major structural viral

proteins. It is an integral membrane protein involved in the budding of the viral particles and interacts with S (Spike) protein and the nucleocapsid protein. Coronaviruses have four important viral genes with different structural proteins: a spike glycoprotein (S), a small envelope protein (E), a matrix glycoprotein (M), and a nucleocapsid protein (N).

#### **Cellular localization**

viral envelope

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