

## Recombinant HCoV-EMC/2012 S, Fc-tagged

Cat. No. S-539H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the spike protein fragment (Human betacoronavirus 2c EMC/2012)(AFS88936.1) (Glu367-Tyr606) was fused with the Fc region of rabbit IgG at the C-terminus.
<b>Species</b>	HCoV-EMC/2012
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Glu367-Tyr606
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Molecular Mass</b>	The recombinant spike protein fragment (Human betacoronavirus 2c EMC/2012) comprises 46.4 amino acids and has a predicted molecular mass of 51.5 kDa. It migrates as an approximately 54.3 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>80 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C
<b>Storage</b>	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

Hardcopy of COA with reconstitution instruction is sent along with the products.

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