

## Product Datasheet

### SARS-CoV-2 trimeric spike protein (wt) GRP10347

#### Description

<b>Size</b>	50 ug (1 mg/ml)
<b>Modifications</b>	C-terminal transmembrane region replaced with a trimerization domain and a polyhistidine tag. Two stabilizing proline mutations and scrambled S1/S2 furin cleavage site ( <i>see reference</i> ).
<b>Strain</b>	SARS-CoV-2 Betacoronavirus
<b>Isolate (Seq ID)</b>	Wuhan-Hu-1 (GenBank: MN908947)
<b>Expression System</b>	CHOExpress™ cells
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Conjugate</b>	His
<b>N-terminus</b>	VNLT
<b>Molecular Weight</b>	The recombinant SARS-CoV-2 trimeric spike protein consists of 3576 amino acids with a predicted molecular mass of ~400 kDa.
<b>Endotoxin</b>	<1.0 EU per ?g protein as determined by the LAL method.
<b>Format</b>	Liquid
<b>Buffer</b>	0.01M PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
<b>Ship</b>	Shipped on dry ice

**Storage** -20°C

**Note** For research use only.