

Product Datasheet

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

Description

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

Storage -20°C

Note For research use only.