

German Research Products - GRP GmbH

In der Stockwiese 26 D-85410 Haag/Amper, Germany Email: info@grp-ak.de

Phone: +49 (0)8167 6335

Product Datasheet

SARS-CoV-2 trimeric spike protein (D614G) GRP10348

Description

Mopdification C-terminal transmembrane region replaced with a trimerization domain and a polyhistidine tag. Two stabilizing proline mutations and scrambled S1/S2 furin cleavage site (see reference). D614G mutation. Isolate (Seq ID) Wuhan-Hu-1 (GenBank: MN908947), D614G mutation Expression System CHOExpressTM 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 Concentration 1.0 mg/ml 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		
Expression System 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 Concentration 1.0 mg/ml Buffer 0.01M PBS, pH 7.4 Preservative None Storage Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.	·	trimerization domain and a polyhistidine tag. Two stabilizing proline mutations and scrambled S1/S2 furin cleavage site (see reference). D614G mutation.
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Conjugate His N-terminus VNLT Molecular 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 Concentration 1.0 mg/ml Buffer 0.01M PBS, pH 7.4 Preservative None Storage Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		CHOExpressTM cells
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 Concentration 1.0 mg/ml Buffer 0.01M PBS, pH 7.4 Preservative None Storage Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.	Purity	> 90 % as determined by SDS-PAGE
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Format Liquid Concentration 1.0 mg/ml Buffer 0.01M PBS, pH 7.4 Preservative None Storage Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.	1	consists of 3576 amino acids with a predicted molecular
Concentration 1.0 mg/ml Buffer 0.01M PBS, pH 7.4 Preservative None Storage Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.	Endotoxin	<1.0 EU per ?g protein as determined by the LAL method
Buffer 0.01M PBS, pH 7.4 Preservative None Storage Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.	Format	Liquid
Preservative None Storage Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.	Concentration	1.0 mg/ml
Storage Store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.	Buffer	0.01M PBS, pH 7.4
cycles.	Preservative	None
Ship Shipped on dry ice	Storage	
	Ship	Shipped on dry ice

Concentration 1 mg/ml

Storage -20

Note For research use only.