

Product Datasheet

SARS coronavirus PC4-13 Spike Trimer Protein (S336P, P462S, R667A, KV968-969PP), His Tag (MALS & SPR verified) (orb2999571)

Catalog Number	orb2999571
Category	Proteins
Description	The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.
Target	Spike protein
Conjugation	Unconjugated
Tag	C-10×His
Reactivity	Virus
Form/Appearance	Powder
Buffer/Preservatives	0.1 M Sodium citrate, pH 5.5
Purity	95%
UniProt ID	AAU04664.1 (S336P, P462S, R667A, KV968-969PP)
MW	136.4 kDa

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Application notes	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 136.4 kDa. The protein migrates as 130-160 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Expression System	HEK293
Expression Region	Ser 14 - Pro 1195
Storage	-20°C
Note	For research use only
NCBI	S336 , P462 , R667 , AAU04664.1 , 969 , KV968
Expiration Date	6 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)