Product Datasheet

SARS-CoV-2 Spike NTD Protein, His Tag (MALS verified) (orb2999584)

Catalog Number	orb2999584
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 NTD
Conjugation	Unconjugated
Tag	C-10×His
Reactivity	Virus
Form/Appearance	Powder
Buffer/Preservatives	PBS, pH 7.4
Purity	90%
UniProt ID	QHD43416.1 (T19I, R21T, LPP24-26Del, A27S, S50L, H69del, V70del, V127F, G142D, Y144del, F157S, R158G, N211del, L212I, V213G, L216F, H245N, A264D)
MW	34 kDa

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Application notes	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 34 kDa. The protein migrates as 43-63 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 13 - Leu 303
Storage	-20°C
Note	For research use only
NCBI	**A264**, **T19**, **H245**, **R158**, **V127**, **L212**, **H69**, **QHD43416.1**, **V70**, **LPP24**, **A27**, **L216**, **Y144**, **G142**, **R21**, **F157**, **N211**, **S50**, **V213**, **26**
Expiration Date	6 months from date of receipt.

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