

Product Datasheet

Bat SARS-like coronavirus RsSHC014 Spike RBD Protein, His Tag (MALS verified) (orb2999578)

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|-----------------------------|--|
| Catalog Number | orb2999578 |
| 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 RBD |
| Conjugation | Unconjugated |
| Tag | C-10×His |
| Reactivity | Virus |
| Form/Appearance | Powder |
| Buffer/Preservatives | PBS, pH 7.4 |
| Purity | 95% |
| UniProt ID | AGZ48806.1 |
| MW | 26.2 kDa |
| Application notes | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 26.2 kDa. The protein migrates as 32-37 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation. |

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|--------------------------|--------------------------------|
| Expression System | HEK293 |
| Expression Region | Arg 307 - Gln 524 |
| Storage | -20°C |
| Note | For research use only |
| NCBI | AGZ48806.1 |
| Expiration Date | 6 months from date of receipt. |

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