
Product Datasheet

**SARS S protein (R667A, K968P, V969P)
(orb750333)**

Description

SARS S protein (R667A, K968P, V969P),

cells (HEK293). It contain...

Reactivity

Virus

Endotoxins

1.0 EU per µg

Conjugation

Unconjugated

Target

Spike protein

Preservatives

PBS

Form/Appearance

Powder

Storage

-20°C

Tag

C-10×His

Note

For research use only

Application notes

This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 136.3 kDa. The protein migrates as 190-210 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Protein Sequence

AAP13567.1 (R667A, K968P, V969P)

Purity

95%

Source

SARS S protein (R667A, K968P, V969P), His Tag (orb750333) is expressed from human 293 cells (HEK293). It contains AA Ser 14 - Pro 1195 (Accession # AAP13567.1 (R667A, K968P, V969P)). The recombinant protein is expressed with T4 fibritin trimerization motif and a polyhistidine tag at the C-terminus. Proline substitutions (K968P, V969P) and alanine substitutions (R667A) are introduced to stabilize the trimeric prefusion state of SARS-CoV S protein and abolish the furin cleavage site, respectively.

MW

136.3 kDa

NCBI

AAP13567.1, R667, V969, K968

Expiration Date

6 months from date of receipt.