

**Recombinant SARS-CoV-2 Spike Protein, S1 Subunit,
Host Cell Receptor Binding Domain (RBD)**

Source

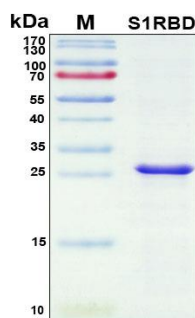
- **Species** SARS-CoV-2
- **Gene Symbols** S
- **Accession Number** QHD43416
- **Expressed Region** Arg319 - Phe541
- **Synonyms** SARS-CoV-2 Spike Protein, S1 Subunit, S protein, spike protein

Preparation

- **Expression System** *Escherichia coli* (*E.coli*)
- **Tag** N-terminal histidine tag
- **Purification** His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
- **Purity** >95%
- **Purity determined** By SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
- **Molecular Weight** ~25 kDa

Protein Specifications

- **Format** Liquid
- **Formulation** Filtered solution in 50 mM Na₂HPO₄ (pH 7.4), 0.5 M NaCl, 450 mM imidazole, 6 M urea.
- **Concentration** Lot specific (see the label on the vial), determined by BCA protein assay.
- **SDS-PAGE Image**



Shipping

The product is shipped with ice packs.

Storage/Stability

- Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots.
- Avoid repeated freeze-thaw cycles.

**This product is furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**