

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

Recombinant SARS-CoV-2 Spike Protein, S1 Subunit, Host Cell Receptor Binding Domain (RBD) derived from E.coli

CODE: 230-01102

Source

Species:	SARS-CoV-2
Accession Number:	QHD43416
Expressed Region:	Arg319 - Phe541
Protein Name & Synonyms:	SARS-CoV-2 Spike Protein, S1 Subunit, S protein, spike protein

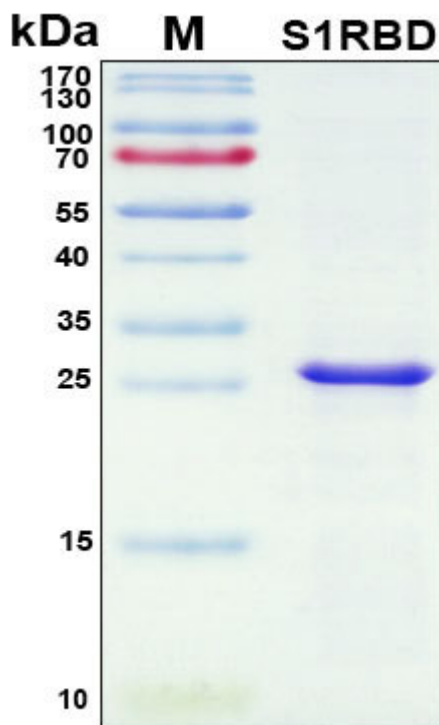
Preparation

Expression System:	Escherichia coli (E.coli)
Conjugation/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 (kDa):	~25 kDa

Protein Specifications

Format:	Liquid
Formulation:	Filtered solution in 50 mM Na ₂ HPO ₄ (pH 7.4), 0.5 M NaCl, 450 mM imidazole, 6 M urea.
Concentration:	Lot specific (see the label on the vial), determined by Bradford protein assay.

SDS-PAGE Image



Stability & Storage

Shipping

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.

Related Coronavirus Proteins

Spike Protein, S1 Subunit [230-01101](#)

Spike Protein, S2 Subunit [230-01103](#)

Nucleocapsid Protein [230-01104](#)

S1 Subunit Protein (RBD) with C-terminal Fc tag [230-20405](#)

S1 Subunit Protein (RBD) with C-terminal His-tag [230-20406](#)

S1 Subunit Protein with C-terminal His-tag [230-20407](#)

S2 Subunit Protein with C-terminal His-tag [230-20408](#)

Nucleocapsid Protein with C-terminal His-tag [230-20409](#)

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