

Recombinant SARS-CoV-2 S1 Subunit Protein (RBD) with C-terminal Fc tag, Transfected HEK293 Cell Culture Supernatant

Recombinant SARS-CoV-2 S1 Subunit Protein (RBD) with C-terminal Fc tag, secreted from the serum-free medium of transfected HEK293 cells. Purchase will also include one vial of normal control (Catalog #. 230-20001), the culture supernatant of HEK293 cell transfected with empty expression vector.

CODE: 230-20405

Source

Species:	SARS-CoV-2
Accession Number:	QHD43416
Expressed Region:	Arg319-Phe541
Protein Name & Synonyms:	SARS-CoV-2 S1 Subunit Protein (RBD)

Preparation

Expression System:	Human embryonic kidney 293 (HEK293) cells
Conjugation/Tag:	C-terminal Fc-tag

Purity:

Unpurified cell culture supernatant. HEK293 cells grown in serum-free medium were transfected with expression vector harboring target gene. The cell culture was harvested with centrifugation to remove cells. The cell culture supernatant containing mammalian cell protease inhibitor cocktail was aliquoted and stored at -80 °C immediately. The gene overexpression in culture supernatant was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the culture supernatant derived from HEK293 cells transfected with the empty expression vector was used as a negative control.

Molecular Weight (kDa):

Recombinant protein product has a calculated molecular mass of 50 (Fc tag 25 kDa). The actual molecular weight may increase slightly due to the potential post-translational modifications (PTMs).

Protein Specifications

Format:	Pink liquid
Formulation:	Cell culture supernatant of transfected HEK293 cells, serum-free.
Preservative:	None

Stability & Storage

Shipping

Ice packs. Including one vial of cell culture supernatant of HEK293 cells transfected with empty expression vector.

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, S1 Subunit, Host Cell (RBD)	230-01102
Spike Protein, S2 Subunit	230-01103
Nucleocapsid Protein	230-01104
S1 Subunit Protein (RBD) with C-terminal His-tag	230-20406-200
S1 Subunit Protein with C-terminal His-tag	230-20407-200
S2 Subunit Protein with C-terminal His-tag	230-20408-200
Nucleocapsid Protein with C-terminal His-tag	230-20409-200

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