

## SARS-CoV-2 S Protein RBD (K458R, HEK293, His)

Cat. No.:	HY-P73400
Synonyms:	2019-nCov RBD Protein; 2019-nCoV Spike RBD Protein; S protein RBD; 2019-nCoV S protein RBD
Species:	Virus
Source:	HEK293
Accession:	YP_009724390.1 (R319-F541,K458R)
Gene ID:	43740568
Molecular Weight:	Approximately 26.53 kDa

### PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human ACE2 protein (Fc) at 2 µg/mL (100 µL/well) can bind SARS-CoV-2 S Protein RBD (K458R) and the EC <sub>50</sub> is 20-50 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.2 µm filtered solution of PBS, pH 7.4
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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