



# Certificate of Analysis

## ACE2 Protein, Human (HEK293, hFc, solution)

Cat. No.:	HY-P7442
Batch No.:	264040
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	Q9BYF1 (Q18-S740)
Gene ID:	59272
Molecular Weight:	110-140 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.17%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized 2019-nCoV S Protein RBD-SD1-mFc at 2 μg/ml (100 μl/well) can bind Human ACE-2-Fc. The ED <sub>50</sub> of Human ACE-2-Fc is 25-250 ng/mL.	34.95 ng/mL
Appearance	Solution	
Concentration	1.43 mg/mL	
Reconstitution	N/A	
Storage & Stability	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

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

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