



# Certificate of Analysis

## ACE2 Protein, Human (Biotinylated, sf9, His-Avi)

Cat. No.:	HY-P72807
Batch No.:	245251
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	C-Avi;C-His
Accession:	Q9BYF1 (M1-S740)
Gene ID:	59272
Molecular Weight:	Approximately 86.86 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized 2019-nCoV Spike Protein at 2 μg/mL (100 μL/well) can bind Biotinylated ACE2 Protein, Human (sf9, His-Avi) and the EC <sub>50</sub> is 20-40 ng/mL.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C for 2 years. 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA