

Bioactive

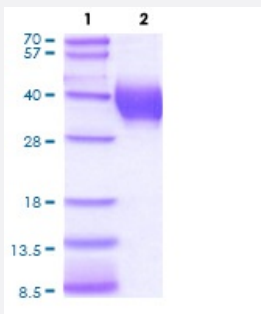
HuPro®

## S (SARS-CoV) Recombinant Protein

Catalog # P8084

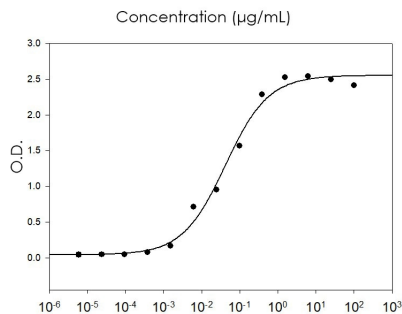
Size 100 ug

### Applications



### Result of bioactivity analysis

Result of bioactivity analysis



### Specification

#### Product Description

SARS-CoV S (P59594, 306 a.a. - 515 a.a.) partial length recombinant protein His tag expressed in HEK293 expression system.

#### Sequence

RVVPSGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLNSTFFSTFKCYGVS  
ATKLNDLCFSNVYADSFVVKGDDVRQIAPGQTGVIADYNYKLPDDFMGCVLAWNTRNIDATSTGN  
YNYKYRYLRHGKLRPFERDISNVPFSPDGKPCTPPALNCYWPLNDYGFYTTTGIGYQPYRVVLSF  
ELLNAPATVCGPKL

#### Host

Human

#### Theoretical MW (kDa)

24.8

Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Measured by the binding ability in a functional ELISA with Human ACE-2.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — S

Entrez GeneID	<a href="#">1489668</a>
Protein Accession#	<a href="#">P59594</a>
Gene Name	S
Gene Alias	E2
Gene Description	E2 glycoprotein precursor
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	spike glycoprotein