

Bioactive

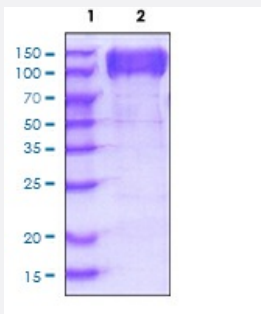
HuPro®

S (SARS-CoV-S1) Recombinant Protein

Catalog # P8098

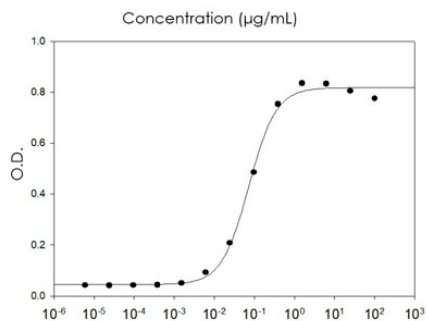
Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis



Specification

Product Description

SARS-CoV-S1 S (P59594, 14 a.a. - 667 a.a.) partial length recombinant protein His tag expressed in HEK293 expression system.

Sequence

SDLDRCTTFDDVQAPNYTQHTSSMRGVYYPDEIFRSDTLYLTQDLFLPFYSNVTGFHTINHTFGNP
VIPFKDGIYFAATEKSNVVRGWVFGSTMNNKSQSVIIINNSTNVVIRACNFELCDNPFFAVSKPMGT
QTHTMIFDNAFNCTFEYISDAFSLDVSEKSGNFKHLREFVFKNKDGFLVYKGYQPIDVVRDLPSG
FNTLKPIFKLPLGINITNFRILTAFSQAQDIWGTSAAYFVGYLKPTTFMLKYDENGITDAVDCSQN
PLAELKCSVKSFEDKGIYQTSNFRVVPSPGDVVRFPNITNLCPFGEVFNATKFPSPVYAWERKKISN
CVADYSVLYNSTFFSTFKCYGVSATKLNLCFSNVYADSFVVKGDDVRQIAPGQTGVIADYNYKLP
DDFMGCVLAWNTRNIDATSTGNNYKYRYLRHGKLRPFERDISNVFPSPDGKCTPPALNCYWPL
NDYGFYTTTGIGYQPYRVVLSFELLNAPATVCGPKLSTDLIKNQCVNFNFNGLTGTGVLTPSSKRF
QPFQQFGRDVSDFTDSVRDPKTSEILDSPCSFGGVSIVITPGTNASSEVAVLYQDVNCTDVSTAIH
ADQLTPAWRIYSTGNNVFQQTQAGCLIGAEHVDTSYECDIPIGAGICASYHTVSLLR

Host

Human

Theoretical MW (kDa)

73.3

Form

Liquid

Preparation Method

Mammalian cell (HEK293) expression system

Purity

> 90% 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

[1489668](#)

Protein Accession#

[P59594](#)

Gene Name	S
Gene Alias	E2
Gene Description	E2 glycoprotein precursor
Gene Ontology	Hyperlink
Other Designations	spike glycoprotein