

SARS-CoV-2

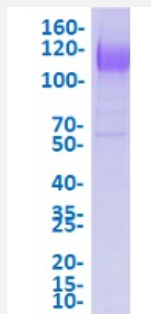
HuPro®

S1 (SARS-CoV-2 Alpha Variant) Recombinant Protein

Catalog # P6705

Size 50 ug

Applications



Specification

Product Description

SARS-CoV-2 Alpha Variant S1 (GISAID No. EPI_ISL_601443, 16 a.a. - 683 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.

Sequence

VNLTTRTQLPPAYTNSFTRGVYYPDKVFRSSVLHSTQDLFLPFFSNVTWFWHAISGTNGTKRFDNPV
LPFNDGVYFASTEKSNIRGWIFGTTLDSTQSLIVNNATNVVIVKVECFQFCNDPFLGVYHKNNKS
WMESEFRVYSSANNCTFEYVSQPFLMDLEGKQGNFKNLREFVFKNIDGYFKIYKHTPINLVRDLP
QGFSALEPLVDLPIGINITRFQTLALHRSYLTGDSSTSGWTAGAAAYVGYLQPRTFLLKYNENGTI
TDAVDCALDPLSEKCTLSFTVEKGIQTSNFRVQPTESMRFPNITNLCPFGEVFNATRFASVYA
WNRKRISNCVADYSVLVNSASFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEVQRQIAPGQTGKI
ADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYNLYRLFRKSNLKPFERDISTEYQAGSTPCNGVE
GFNCYFPLQSYGFQPTYGVGYQPYRVVLSFELLHAPATVCGPKKSTNLVKNKCVNFNFNGLTGT
GVLTESNKKFLPFQQFGRDIDDTDAVRDPQTLEILDITPCSFGGVSVITPGTNTSNQVAVLYQQGVN
CTEVPVAIHADQLTPTWRVYSTGSNVFQTRAGCLIGAEHVNNSECDIPGAGICASYQTQTNSPRR
ARHHHHHHHH

Host

Human

Form

Liquid

Preparation Method

Mammalian cell (HEK293) expression system

Purification

Affinity purification with Nickel Columns

Purity

>= 95% by SDS-PAGE.

Endotoxin Level	< 0.01 EU per 1 ug of the protein by LAL test.
Quality Control Testing	SDS-PAGE
Recommend Usage	ELISA SDS-PAGE Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4.
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE