

SARS-CoV-2

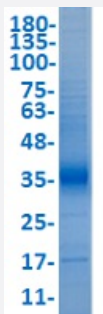
HuPro®

S (SARS-CoV-2 Gamma Variant) RBD Recombinant Protein

Catalog # P6704

Size 50 ug

Applications



Specification

Product Description

SARS-CoV-2 Gamma Variant S RBD (GISAID No. EPI_ISL_833172, 319 a.a. - 541 a.a.) K417T, E484K, N501Y mutant recombinant protein with 6xHis tag at C-terminus expressed in HEK293 cells.

Sequence

RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRRKRISNCVADYSVLVNSASFSTFKCYGVSP
TKLNDLCFTNVYADSFVIRGDEVQRQAPGQTGTIADYNYKLPPDFTGCVIAWNSNNLDSKVGGNYN
YLRLFRKSNLKPFERDISTEIQAGSTPCNGVKGFNCYFPLQSYGFQPTYGVGYQPYRVVLSFE
LLHAPATVCGPKKSTNLVKNKCVNF

Host

Human

Form

Liquid

Preparation Method

Mammalian cell (HEK293) expression system

Purification

Affinity purification with Nickel Columns

Purity

>= 95% by SDS-PAGE.

Endotoxin Level

< 0.1 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.
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Storage Buffer	In PBS.
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Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
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Applications

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