

Data Sheet

SARS-COV-2 SPIKE PROTEIN S1 (aa 14-722)

RECOMBINANT

Catalog no.:	AP1902AG.1 / AP1902AG.2
Name:	SARS-CoV-2 Spike Protein S1 N-Terminal Region (aa 14-722)
Synonyms:	Surface glycoprotein S, E2, Peplomer protein
Sequence:	aa 14-722, N-terminal Twin-Strep®-tag
MW:	83 kDa (without glycosylation)
Swiss-Prot No:	P0DTC2
Gene Information:	Gene Name: Surface glycoprotein of SARS-CoV-2 Gene ID: 43740568
Source:	HEK293 supernatant
Purification:	Affinity purification
Storage buffer:	TBS
Purity:	> 98 %
Contents:	100 µg / 1 mg (lyophilized) Resuspend in aqua bidest for required concentration.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
Reference:	1. Kreer, C., Zehner, M., Weber, T., Ercanoglu, M. S., Gieselmann, L., Rohde, C., Halwe, S., Korenkov, M., Schommers, P., Vanshylla, K., Di Cristanziano, V., Janicki, H., Brinker, R., Ashurov, A., Krähling, V., Kupke, A., Cohen-Dvashi, H., Koch, M., Eckert, J. M., … Klein, F. (2020). Longitudinal Isolation of Potent Near-Germline SARS-CoV-2-Neutralizing Antibodies from COVID-19 Patients. Cell, 182(4), 843-854.e12.
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