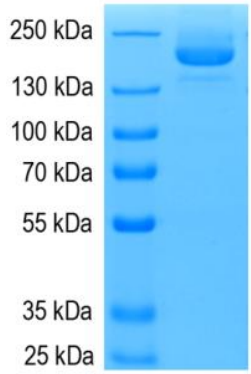
Antigens

Data Sheet

SARS-COV-2 SPIKE PROTEIN S ECTO DOMAIN (aa 1-1207), TRIMER

RECOMBINANT

Catalog no.:	AP1901AG.1 / AP1901AG.2
Name:	SARS-CoV-2 Spike Protein S Ecto Domain (aa 1-1207), Trimer
Synonyms:	Surface glycoprotein S, E2, Peplomer protein
Sequence:	aa 1-1207, T4 foldon, C-terminal Twin-Strep®-tag
MW:	139 kDa (without glycosylation)
Swiss-Prot No:	P0DTC2
Gene Information:	Gene Name: Surface glycoprotein S of SARS-CoV-2
	Gene ID: 43740568
Source:	HEK293 supernatant
Purification:	Affinity purification
Storage buffer:	TBS
Purity:	> 98 %
Contents:	10 µg / 100 µg (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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