Recombinant Pan-species (General) S Protein, His-tagged

Cat. No. S-2751P **Lot. No.** (See product label)

SPECIFICATION

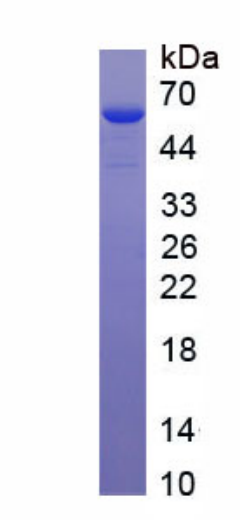
Product Overview	Recombinant Pan-species (General) S Protein (Met1-Arg685) with a N-His tag was expressed in E. coli.
Species	Pan-species
Source	E.coli
ProteinLength	Met1-Arg685
Description	The spike (S) protein of the virus decorates the viral surface and is an important target for development of diagnostics, therapeutics and vaccines.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.1 kDa Accurate Molecular Mass: 60 kDa
Purity	> 90%
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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	store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Official Symbol	S
Synonyms	Spike Protein; SP; S Protein



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