

## Product datasheet for **TP724613**

### S Protein SARS-CoV-2 Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant SARS-CoV-2 Spike Protein (RBD) (C-hFc, HEK293)
Species:	SARS-CoV-2
Expression cDNA Clone or AA Sequence:	319-532
Tag:	C-hFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant SARS-CoV-2 Spike Protein is produced by HEK293. The target gene encoding 319-532 is expressed with a hFc tag at the C terminus.
Stability:	12 months from date of despatch
Locus ID:	43740568
Summary:	SARS-CoV-2 Spike Protein (S protein) is a type I transmembrane protein that contains two subunits, S1 and S2. S1 helps recognize the host cell surface receptor with its receptor binding domain (RBD). Whereas S2 assist the membrane fusion of the virion and cellular membranes. Together, the S protein plays a key role in mediating the host infection and inducing the neutralizing-antibody and T-cell responses, as well as protective immunity.



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