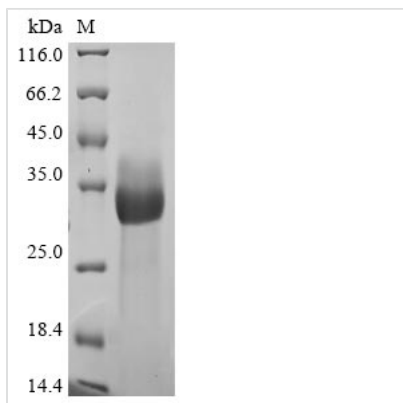


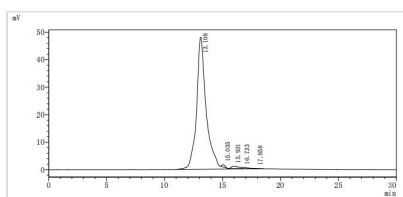


Recombinant Bovine coronavirus Spike glycoprotein (S), partial

Product Code	CSB-YP329526BJJ
Abbreviation	Recombinant Bovine coronavirus S protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P25192
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Bovine coronavirus (strain LY-138) (BCoV) (BCV)
Purity	≥ 90% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	TVQPIADVYRRIPNLPDCNIEAWLNDKSVPSPLNWERKTFSNCFNMSSLMSFI QADSFTCNNIDA AKIYGMCFSSITIDKFAIPNGRKVDLQLGNLGYLQSFNYRIDT TATSCQLYYNLPAA NVSVSRFNPSTWNNRRFGFTEQSVFKPQPVGVFTDHDVV YAQHCFKAPT NFCPCKLDGSLCVGSGSGIDAGYKNSGIGT CPAGTNYLTCHN AAQCDCLCTPD PITSKSTGPYKCPQTKYLVGIGEHC SGLAIKSDYCGGNPCTC QPQAF LGWSVDSCLQGDR CNIFANFILHDVNSGTT CSTD LQKSNTDIILGVCVN Y
Research Area	Microbiology
Source	Yeast
Target Names	S
Expression Region	314-634aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	36.6 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



The purity of S was greater than 95% as determined by SEC-HPLC

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.