



Recombinant Porcine epidemic diarrhea virus

Spike glycoprotein (S), partial

Product Code	CSB-MP5982GRQ3
Abbreviation	Recombinant Porcine epidemic diarrhea virus 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.	A0A248WX54
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, pH 8.0.
Product Type	Recombinant Porcine epidemic diarrhea virus Spike glycoprotein (S), partial
Immunogen Species	Porcine epidemic diarrhea virus
Sensitivity	Not Test
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	QDVTRCSANTNFRFFSKFNVQAPAVVVLGGYLPIGENQGVNSTWYCAGQH PTASGVHGIFLSHIRGGHGFEIGISQEPFDPSPGYQLYLHKATNGNTNATARLRI CQFPSIKTLGPTADNDVTTGRNCLFNKAIPAHMSEHSVVGITWDNDRVTVFSD KIYHFYFKNDWSRVATKCYNSGGCAMQYVYEPTYYYMLNVTSAGENGISYQPC TANCIGYAANVFATEPNGHIPEGFSFNNWFLLSNDSTLVHGKVVSNQPLLUNC LLAMPKIYGLGQFFSFNQITIDGVCNGASVQRAPEALRFNINDTSIILAEGSIVLHT ALGTNLSFVCSNSSNPHLATFTIPLGATQVPYYCFLKVDTYNSTVYKFLAVLPP TVREIVITKYGDVYVNGFGYLHLGLLDAVTINFTGHGPDDDVSGFWTIASSTNFV DALIEVQGTAIQRILYCDPVSQKCSQVAFDLDDGFYPISSSTNLLSHEQPTSFV TLPSFNDHSFVNITVSAAFGLSGANLIASDTTNGFSSFCVDTRQFTISLFYNV TNSYGYVSKSQDSNCPFTLQSVNDYLSFSKFCVSTSLASACTIDLFGYPEFG SGVKFTSLYFQFTKGELIIGTPK
Research Area	Others
Source	Mammalian cell
Target Names	S
Expression Region	21-633aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	68.4 kDa



Protein Length

Partial

Image



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

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.