



Recombinant Clostridium perfringens

Perfringolysin O (pfo)

Product Code	CSB-EP314820CMBc7
Abbreviation	Recombinant Clostridium perfringens pfo protein
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?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.
Uniprot No.	P0C2E9
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 Protein
Immunogen Species	Clostridium perfringens (strain 13 / Type A)
Sensitivity	Not Test
Purity	≥95% as determined by SDS-PAGE.
Sequence	KDITDKNQSIDSGISSLSYNRNEVLASNGDKIESFVPKEGKKTGNKFIVVERQK RSLTTSPVDISIIDSVNDRITYPGALQLADKAFVENRPTILMVKRKPININIDLPLGLK GENSIKVDDPTYGKVS GAIDELVSKWNEKYSSTHTLPARTQYSESMVYSKSQI SSALNVNAKVLENSLGVDFNAVANNEKKVMILAYKQIFYTVSADLPKNPSDLFD DSVTFNDLKQKGVSNAPPLMVSNVAYGRTIYVKLETTSSSKDVQA AFKALIKN TDIKNSQQYKDIYENSSFTAVVLGGDAQEHNKVVTKDFDEIRKVIKDNATFSTK NPAYPISYTSVFLKDNSVA AVHNKTDYIETTSTEYSKGKINLDHSGAYVAQFEV AWDEVSYDKEGNEVLTHKTWDGNYQDKTAHYSTVIPLEANARNIRIKARECTG LAWEWWRD VISEYDVPLTNNINVSIWGTTLYPGSSITYN
Research Area	Microbiology
Source	E.coli
Target Names	pfo
Expression Region	29-500aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	59.6 kDa
Protein Length	Full Length of Mature Protein

Image


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



separation gel.

Typical

No

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

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