



Recombinant Clostridium perfringens Perfringolysin O (pfo)

Product Code	CSB-YP314820CMB
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.	P0C2E9
Product Type	Recombinant Protein
Immunogen Species	Clostridium perfringens (strain 13 / Type A)
Purity	≥85% (SDS-PAGE)
Sequence	KD ITDKNQSIDG GISSLSYNRN EVLASNGDKI ESFVPKEGKK TGNKFIVVER QKRSLTTSPV DISIIDSVDN RTYPGALQLA DKAFVENRPT ILMVKRKPIN INIDLPLGKG ENSIKVDDPT YGKVSGAIDE LVSKWNEKYS SHTLTPARTQ YSESMVYSKS QISSALNVNA KVLNSLGVDF FNAVANNEKK VMILAYKQIF YTVSADLPKN PSDLFDDSVT FNDLKQKQGVN NEAPPLMVSN VAYGRTIYVK LETTSSSKDV QAAFKALIKN TDIKNSQQYK DIYENSSFTA VVLGGDAQEH NKVVTKDFDE IRKVIKDNAT FSTKNPAYPI SYTSVFLKDN SVAAVHNKTD YIETTSTEYS KGKINLDHSG AYVAQFEVAW DEVSYDKEGN EVLTHKTWDG NYQDKTAHYS TVIPLEANAR NIRIKARECT GLAWEWWRDV ISEYDVPLTN NINVSIWGTT LYPGSSITYN
Source	Yeast
Target Names	pfo
Protein Names	Recommended name: Perfringolysin O Alternative name(s): Theta-toxin Thiol-activated cytolysin
Expression Region	29-500
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.