



Recombinant Bordetella pertussis Pertussis toxin subunit 4 (ptxD)

Product Code	CSB-YP363435BUA
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.	P0A3R5
Product Type	Recombinant Protein
Immunogen Species	Bordetella pertussis (strain Tohama I / ATCC BAA-589 / NCTC 13251)
Purity	>85% (SDS-PAGE)
Sequence	DVPYVLVKTNMVVTSVAMKPYEVTPTRMLVCGIAAKLGAAASSPDAHVPFCFG KDLKRPGSSPMEVMLRAVFMQQRPLRMFLGPKQLTFEGKPALELIRMVECSG KQDCP
Source	Yeast
Target Names	ptxD
Protein Names	Recommended name: Pertussis toxin subunit 4 Short name= PTX S4 Alternative name(s): Islet-activating protein S4 Short name= IAP S4
Expression Region	43-152aa
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.