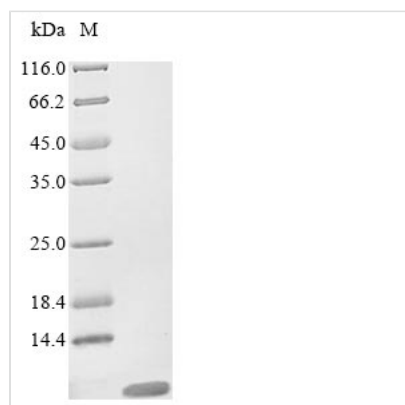




Recombinant Paraponera clavata Delta-paraponeritoxin-Pc1a

Product Code	CSB-BP340426PCP
Relevance	Blocks nicotinic synaptic transmission in insect CNS and affects voltage-gated sodium channels (Nav). It is a strong, but very slowly acting agonist for smooth muscles and its blocks synaptic transmission in the insect CNS in a concentration-dependent manner and depolarizes giant interneurons. Also affects neuromuscular transmission in rat tissue.
Abbreviation	Recombinant Paraponera clavata Delta-paraponeritoxin-Pc1a 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P41736
Product Type	Recombinant Protein
Immunogen Species	Paraponera clavata (Bullet ant) (Izuela)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	FLPLLILGSLLMTPPVIIQAIHDAQR
Research Area	Others
Source	Baculovirus
Protein Names	Pac-TX
Expression Region	1-25aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	3.7 kDa
Protein Length	Full Length

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.