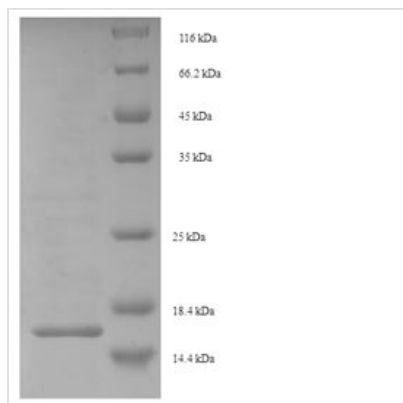




Recombinant Bombyx mori Prothoracicotropic hormone

Product Code	CSB-EP324609BTT
Relevance	PTTH is a brain secretory polypeptide of insects which stimulates the prothoracic glands to produce and release ecdysone, the steroid essential to insect development. Peptides P2K and P6K are presumed to be cleaved post-translationally and may play some unknown physiologically or developmentally important functions.
Abbreviation	Recombinant Bombyx mori Prothoracicotropic hormone 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.	P17219
Product Type	Recombinant Protein
Immunogen Species	BOMMO(Silk moth)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GNIQVENQAIPDPPCTCKYKKEIEDLGENSEVPRFIETRNCNKTTQQPTCRPPYIC KESLYSITILKRRETQSQESLEIPNELKYRWVAESHPVSVACLCTRDYQLRYNN N
Research Area	Others
Source	E.coli
Expression Region	116-224aa
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	16.7kDa
Protein Length	Full Length of Mature Protein
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.