

Recombinant Bombyx mori Prothoracicotropic hormone

Catalog No: #AP71023

Package Size: #AP71023-1 20ug #AP71023-2 100ug #AP71023-3 1mg

Description

Product Name	Recombinant Bombyx mori Prothoracicotropic hormone
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:116-224aaSequence Info:Full Length
Accession No.	P17219
Calculated MW	16.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GNIQVENQAIPDPPCTCKYKKEIEDLGENSEVPRFIETRNCKTQQPTCRPPYICKESLYSITILKRRETKSQESLE IPNELKYRWVAESHPVSVACLCTRDYQLRYNNN
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Molecular cloning of the Bombyx mori prothoracicotropic hormone.Kawakami A., Kataoka H., Oka T., Mizoguchi A., Kimura-Kawakami M., Adachi T., Iwami M., Nagasawa H., Suzuki A., Ishizaki H.Science 247:1333-1335(1990) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.