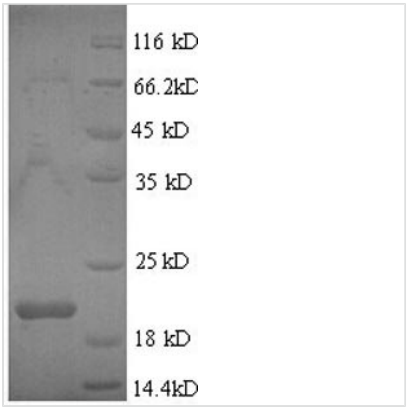
Recombinant Drosophila melanogaster Bursicon (burs)

Product Code	CSB-YP894207DLU
Relevance	Final heterodimeric neurohormone released at the end of the molting cycle, involved in the sclerotization (tanning) of the insect cuticle, melanization and wing spreading. Heterodimer specifically activates the G protein-coupled receptor rk.
Abbreviation	Recombinant Drosophila melanogaster burs 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.	Q9VD83
Alias	Bursicon subunit alpha;Cuticle-tanning hormone
Product Type	Recombinant Protein
Immunogen Species	Drosophila melanogaster (Fruit fly)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QPDSSVAATDNDITHLGDDCQVTPVIHVLQYPGCVPKPIPSFACVGRCASYIQV SGSKIWQMERSCMCCQESGEREAAVSLFCPKVKPGERKFKKVLTKAPLECM CRPCTSIEESGIIPQEIAGYSDEGPLNNHFRRIALQ
Research Area	Others
Source	Yeast
Target Names	Burs
Protein Names	Recommended name: Bursicon Alternative name(s): Bursicon subunit alpha Cuticle-tanning hormone
Expression Region	33-173aa
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	17.5kDa
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

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