

Recombinant Drosophila Melanogaster PBURS Protein (21-141 aa), GST-tagged

Cat. No. PBURS-1161D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Drosophila Melanogaster (Fruit fly) PBURS Protein (21-141 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Drosophila
Source	E.coli
ProteinLength	21-141 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	40.8 kDa
AA Sequence	L R Y S Q G T G D E N C E T L K S E I H L I K E E F D E L G R M Q R T C N A D V I V N K C E G L C N S Q V Q P S V I T P T G F L K E C Y C C R E S F L K E K V I T L T H C Y D P D G T R L T S P E M G S M D I R L R E P T E C K C F K C G D F T R
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

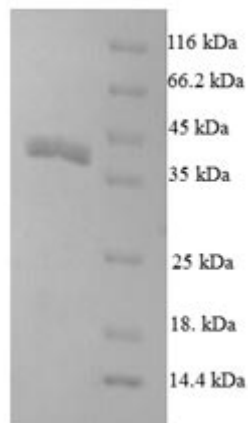
GENE INFORMATION

Gene Name	Pburs Partner of Bursicon [<i>Drosophila melanogaster</i> (fruit fly)]
Official Symbol	PBURS
Synonyms	A; Bur beta; burs beta; Burs beta; burs-beta; bursbeta; Bursbeta; CG15284; Dmel\CG15284; pads-b; pburs; PBURS; pu; pup;
Gene ID	34845
mRNA Refseq	NM_135868
Protein Refseq	NP_609712
UniProt ID	Q9VJS7

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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