

Recombinant Drosophila Melanogaster BURS Protein (33-173 aa), GST-tagged

Cat. No. BURS-1162D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Drosophila Melanogaster (Fruit fly) BURS Protein (33-173 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	33-173 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	42.5 kDa
AA Sequence	QPDSSVAATDNDITHLGDDCQVTPVIHVLQYPGCVPKPIPSFACVGRCASEYIQVSGS KIWQMERSMCCQESGEREAAVSLFCPKVKPGERKFKKVLTKAPLECMCRPCTSIE ESGIIPQEIAGYSDEGPLNNHFRRIALQ
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.

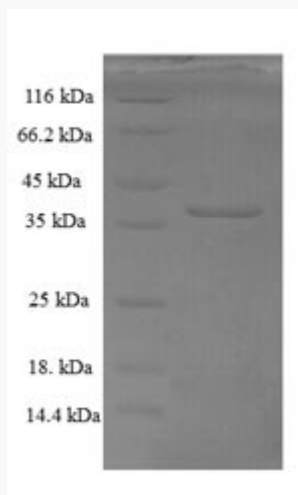
GENE INFORMATION

Gene Name	Burs Bursicon [<i>Drosophila melanogaster</i> (fruit fly)]
Official Symbol	BURS
Synonyms	Bur alpha; burs; BURS; burs alpha; Burs alpha; burs-alpha; Burs-alpha; bursalpha; Bursalpha; CG13419; Dmel\CG13419; frl;
Gene ID	42560
mRNA Refseq	NM_142726
Protein Refseq	NP_650983
UniProt ID	Q9VD83

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

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