

## Recombinant Mouse Akt3, His-GST tagged

**Cat. No.** Akt3-8694M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Akt3 (Q9WUA6-1) (Ala106-Glu479), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.                                                                      |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                     |
| <b>Source</b>               | Insect Cells                                                                                                                                                                                                              |
| <b>ProteinLength</b>        | 106-479 a.a.                                                                                                                                                                                                              |
| <b>Predicted N Terminal</b> | Met                                                                                                                                                                                                                       |
| <b>Form</b>                 | Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                           |
| <b>Molecular Mass</b>       | The recombinant mouse AKT3/GST chimera consists of 611 amino acids and has a calculated molecular mass of 71 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                           |
| <b>Purity</b>               | >90 % as determined by SDS-PAGE                                                                                                                                                                                           |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                 |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein                                                                                                                                      |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** Akt3 thymoma viral proto-oncogene 3 [ Mus musculus ]

**Official Symbol** Akt3

**Gene ID** 23797

**mRNA Refseq** NM\_011785

**Protein Refseq** NP\_035915

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