

## Recombinant Mouse AKT3 protein, His&GST-tagged

**Cat. No.** AKT3-0258M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse AKT3 protein(Q9WUA6-1)(Ala106-Glu479), fused with His and GST tag, was expressed in Insect Cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	106-479 a.a.
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM Nacl, pH 7.4, 10% glycerolPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<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>Proteinlength</b>	Ala106-Glu479
<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>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

 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

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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 of 0.2 ug/ul. 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](#)

**Synonyms** AKT3; thymoma viral proto-oncogene 3; RAC-gamma serine/threonine-protein kinase; PKB gamma; RAC-PK-gamma; protein kinase Akt-3; protein kinase B gamma; Nmf350; AI851531; D930002M15Rik;

**Gene ID** [23797](#)

**mRNA Refseq** [NM\\_011785](#)

**Protein Refseq** [NP\\_035915](#)

 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