

Recombinant Mouse Akt3, His-GST tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Akt3 (Q9WUA6-1) (Ala106-Glu479), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	106-479 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerolNormally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	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  Fax: 1-631-938-8127

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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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