

Recombinant Mouse AKT3 protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse AKT3 protein(Q9WUA6-1)(Ala106-Glu479), fused with His and GST tag, was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	106-479 a.a.
Form	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.
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.
Proteinlength	Ala106-Glu479
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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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](#)

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