

Active Recombinant Mouse AKT3 protein(Ala106-Glu479)

Cat. No. AKT3-3223M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant AKT3 (Q9WUA6-1) (Ala106-Glu479) was expressed and purified in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Ala106-Glu479
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Bio-activity	The specific activity was determined to be 20 nmol/min/mg using synthetic GSK3-derived peptide (R11-SGRARTSSFAEPGGK) as substrate.
Molecular Mass	The recombinant mouse AKT3 consists of 376 amino acids and predicts a molecular mass of 43.4 KDa. It migrates as an approximately 46 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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Concentration Please refer to the datasheet for detailed information.

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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