

Recombinant Mouse Akt3, None tagged

Cat. No. AKT3-549M Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Mouse Akt3 (Q9WUA6-1) (Ala106-Glu479), fused with None, was produced in Baculovirus-Insect cells. |
| Species | Mouse |
| Source | Insect Cells |
| ProteinLength | 106-479 a.a. |
| Predicted N Terminal | Gly |
| Form | Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. |
| 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 |
| 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 |

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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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