

Recombinant Human AKT3 protein, His/MBP-tagged

Cat. No. AKT3-308H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human AKT3(264-465 aa) fused with His/MBP tag was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 264-465 aa |
| Description | <p>The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms have been described.</p> |
| Form | Liquid in PBS |
| Purity | SDS-PAGE >90% |
| Applications | WB Positive Control |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |

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Storage Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name AKT3 v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma) [Homo sapiens]

Official Symbol AKT3

Synonyms AKT3; v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma); RAC-gamma serine/threonine-protein kinase; PKBG; PRKBG; RAC gamma; PKB gamma; RAC-gamma serine/threonine protein kinase; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma; DKFZp434N0250;

Gene ID 10000

mRNA Refseq NM_001206729

Protein Refseq NP_001193658

MIM 611223

UniProt ID Q9Y243

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