

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	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.
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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