

Active Recombinant Human AKT3 protein, GST-His-tagged

Cat. No. AKT3-804H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKT3(106 a.a. - 479 a.a.) fused with GST-His tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	106 a.a. - 479 a.a.
Form	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
Bio-activity	411 pmol/ug x min
Molecular Mass	72.637 kDa
Applications	Functional Study; SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing
Concentration	0.165 ug/ul

GENE INFORMATION

Gene Name	AKT3 v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma) [
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	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_005465
Protein Refseq	NP_005456
MIM	611223
UniProt ID	Q9Y243
Chromosome Location	1q44
Pathway	AKT phosphorylates targets in the cytosol, organism-specific biosystem; AKT phosphorylates targets in the nucleus, organism-specific biosystem; AKT-mediated inactivation of FOXO1A, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity;

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