

## Recombinant Human AKT3 (N-GST tag)

Cat No:HR2R1133

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	AKT3/PKB gamma
Gene ID	N/A
Accession	NM_005465
Alternative Name	PKBG; PRKBG; STK-2; RAC-gamma; RAC-PK-gamma; DKFZP434N0250
Species	Human
Source	Insect cells
Description	?AKT 3 or Protein Kinase B ? (PKB?) is a serine/threonine kinase that is a member of the AKT family. AKT 3 is activated in cells exposed to diverse stimuli such as hormones, growth factors, and extracellular matrix components . AKT 3 phosphorylates and regulates the function of many cellular proteins involved in processes that include cellular metabolism, survival/apoptosis, and proliferation. Recent evidence indicates that AKT 3 is frequently overexpressed in many types of human cancers including breast and prostate .?
Functions	The specific activity of AKT3 was determined to be 206 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	85
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.