



## Recombinant Human AKT2 / protein kinase B / PKB beta Protein (His & GST tag)

db58407 Package : 10μg 50μg 100μg 1mg

Product Name: Recombinant Human AKT2 / protein kinase B / PKB beta Protein (His & GST tag)

Cat.No.: db58407

**Synonyms:** HIHGHH;PKBB;PKBBETA;PRKBB;RAC-BETA **Application:** Positive Control, Immunogen, SDS-PAGE, WB

Tag: N-His & GST

Expression host: Baculovirus-Insect Cells

Species: Human

Background AKT2 is one of 3 closely related serine/threonine-protein kinases (AKT1, AKT2 and AKT3) called

the AKT kinase, and which regulate many processes including metabolism, proliferation, cell

survival, growth and angiogenesis. This is mediated through serine and/or threonine

phosphorylation of a range of downstream substrates. Over 100 substrate candidates have been reported so far, but for most of them, no isoform specificity has been reported. AKT is responsible

of the regulation of glucose uptake by mediating insulin-induced translocation of the

SLC2A4/GLUT4 glucose transporter to the cell surface.

Gene ID 208

Swiss Prot P31751

Synonyms HIHGHH;PKBB;PKBBETA;PRKBB;RAC-BETA

**Application** Positive Control, Immunogen, SDS-PAGE, WB

Molecular Weight 83.6 kDa

**Species** Human

**Purity** >90% as determined by SDS-PAGE.

Seq Met 1-Glu481

Tag N-His & GST

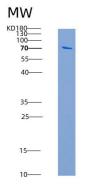
Formulation Freeze-dried powder

Storage Stability Store at 2-8 ℃ for one month. Aliquot and store at -80 ℃ for 12 months. Avoid repeated freeze/thaw

cycles.







15% SDS PAGE(reduced) analysis of Recombinant Human AKT2 / protein kinase B / PKB beta Protein (His & GST tag)