

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

**Cat.NO.: TP08407**

3th Edition

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

**Description:**AKT2 (AKT Serine/Threonine Kinase 2) is a Protein Coding gene. Diseases associated with AKT2 include Hypoinsulinemic Hypoglycemia With Hemihypertrophy and Diabetes Mellitus, Noninsulin-Dependent. Among its related pathways are Constitutive Signaling by AKT1 E17K in Cancer and RANK Signaling in Osteoclasts. Gene Ontology (GO) annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is AKT1.

**Form:**PBS

**Molecular Weight:**83.6 kDa

**Sequences:**Met 1-Glu481

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.