

Recombinant Human AKT2/PKB beta Protein (His & GST Tag)

Catalog No. PKSH030382

Note: Centrifuge before opening to ensure complete recovery of vial contents.

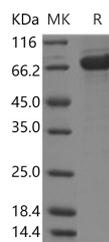
Description

Synonyms	HIHGHH;PKBB;PKBBETA;PRKBB;RAC-BETA
Species	Human
Expression Host	Baculovirus-Insect Cells
Sequence	Met 1-Glu481
Accession	NP_001617.1
Calculated Molecular Weight	83.6 kDa
Tag	N-His-GST
Bioactivity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as sterile solution of 20 mM Tris, 500 mM NaCl, 10 % glycerol,pH 7.4
Reconstitution	Not Applicable

Data



> 90 % as determined by reducing SDS-PAGE.

Background

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.

For Research Use Only