

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

Catalog Number: 10764-H20B



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

HIHGGH; PKBB; PKBBETA; PRKBB; RAC-BETA

Protein Construction:

A DNA sequence encoding the human AKT2 (NP_001617.1) (Met1-Glu481) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).

Source: Human

Expression Host: Baculovirus-Insect Cells

QC Testing

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

Bio Activity:

Kinase activity untested

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant human AKT2 consists 718 amino acids and predicts a molecular mass of 83.6 kDa.

Formulation:

Supplied as sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

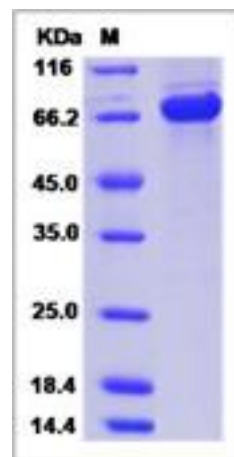
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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For US Customer: Fax: 267-657-0217 • Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>