

## Recombinant Human AKT2 protein, GST-tagged

Cat. No. AKT2-5634H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AKT2 protein(335-481 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	335-481 aa
<b>Tag</b>	N-GST
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence** GLGVVMYEMMCGRLPFYNQDHERLFELILMEEIRFPRTLSPKAKSLLAGLLKKDPKQ  
 RLGGGPSDAKEVMEHRFFLSINWQDVVQKLLPPFKPQVTSEVDTRYFDDEFTAQS  
 ITITPPDRYDSLGLLELDQRTHFPQFSYSASIRE

## GENE INFORMATION

**Gene Name** [AKT2 v-akt murine thymoma viral oncogene homolog 2 \[ Homo sapiens \]](#)

**Official Symbol** [AKT2](#)

**Synonyms** AKT2; v-akt murine thymoma viral oncogene homolog 2; RAC-beta serine/threonine-protein kinase; PKB beta; RAC-PK-beta; protein kinase Akt-2; protein kinase B beta; rac protein kinase beta; murine thymoma viral (v-akt) homolog-2; PKBB; PRKBB; HIHGHH; PKBBETA; RAC-BETA;

**Gene ID** [208](#)

**mRNA Refseq** [NM\\_001243027](#)

**Protein Refseq** [NP\\_001229956](#)

**MIM** [164731](#)

**UniProt ID** [P31751](#)

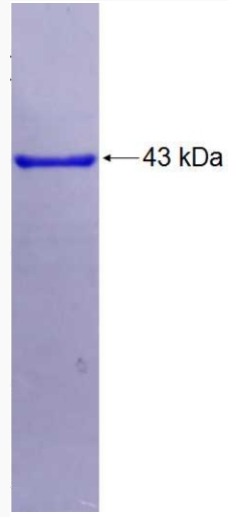
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SDS-PAGE



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