

Recombinant Human AKT2 protein, His-tagged

Cat. No. AKT2-5633H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKT2 protein(1-147 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-147 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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 MRCLSSKKAGSTSVVKYIKTWRPRYFLLKSDGSFIGYKERPEAPDQTLPLNFSVA
 ECQLMKTERPRPNTFVIRCLQWTTVIERTFHVDSPDEREEWMRAIQMVANSLQPHL
 CAQTRIWKTPPPAQAWAVGRLEIQVLIHTSPSEG

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](#)

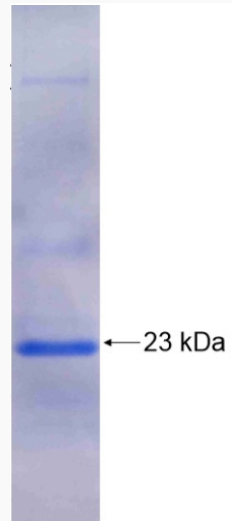
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SDS-PAGE



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