

## Recombinant Human AURKB protein, His-tagged

Cat. No. AURKB-3924H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AURKB protein(1-371 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-371 aa
<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. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	<p>           QIQLFAGGRESSSALDPSSPPFSLRMAQKENSYPWPYGRQTAPSGLSTLPQRVLR            KEPVTPSALVLMRSNVQPTAAPGQKVMENSSGTPDILTRRHFTIDDFEIGRPLGKG            KFGNVYLAREKKSHFIVALKVLFKSQIEKEGVEHQLRREIEIQAHLHHPNILRLYNFY            DRRRIYLILEYAPRGELYKELQKSCTFDEQRTATIMEELADALMYCHGKKVIHRDIKP            ENLLLGLKGELKIADFGWSVHAPSLRRKTMCGTLDYLPPEMIEGRMHNEKVDLWCI            GVLCYELLVGNPPFESASHNETYRRIVKVDLKFASVPMGAQDLISKLLRHNP SERL            PLAQVSAHPWVRANSRRVLPPSALQSVA         </p>
<b>Purity</b>	85%, 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, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

[AURKB aurora kinase B \[ Homo sapiens \]](#)

**Official Symbol**

[AURKB](#)

**Synonyms**

AURKB; aurora kinase B; serine/threonine kinase 12 , STK12; Aik2; AIM 1; ARK2; AurB; aurora 1; aurora B; IPL1; PPP1R48; protein phosphatase 1; regulatory subunit 48; STK5; ARK-2; STK-1; aurora-1; aurora-B; aurora kinase B-Sv1; aurora kinase B-Sv2; aurora-related kinase 2; serine/threonine kinase 12; aurora/IPL1-related kinase 2; serine/threonine-protein kinase 5; serine/threonine-protein kinase 12; serine/threonine-protein kinase aurora-B; protein phosphatase 1, regulatory subunit 48; aurora- and Ipl1-like midbody-associated protein 1; AIK2; AIM1; AIM-1; STK12; aurkb-sv1; aurkb-sv2;

**Gene ID**

[9212](#)

**mRNA Refseq**

[NM\\_001256834](#)

**Protein Refseq**

[NP\\_001243763](#)

**MIM**

[604970](#)

**UniProt ID**

[Q96GD4](#)

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