

Recombinant Human AURKB protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AURKB protein(1-371 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-371 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	QIQLFAGGRESSSALDPSSPPFSLRMAQKENSYPWPYGRQTAPSGLSTLPQRVLR KEPVTPSALVLMRSNVQPTAAPGQKVMENSSGTPDILTRRHFTIDDFEIGRPLGKG KFGNVYLAREKKSHFIVALKVLFKSQIEKEGVEHQLRREIEIQAHLHHPNILRLYNYFY DRRRIYLILEYAPRGELYKELQKSCTFDEQRTATIMEELADALMYCHGKKVIHRDIKP ENLLLGLKGELKIADFGWSVHAPSLRRKTMCGTLDYLPPEMIEGRMHNEKVDLWCI GVLCYELLVGNPPFESASHNETYRRIVKVDLKFPASVPMGAQDLISKLLRHNP SERL PLAQVSAHPWVRANSRRVLPPSALQSVA
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, 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 lpl1-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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