

Recombinant Human AURKA protein, GST-tagged

Cat. No. AURKA-7843H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AURKA protein(1-132 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-132 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MDRSKENCISGPVKATAPVGGPKRVLVTQQFPCQNPLPVNSGQAQRVLCPSNSSQ RVPLQAQKLVSSHKPVQNQKQKQLQATSVPHPVSRPLNNTQKSKQPLPSAPENNP EEELASKQKNEESKKRQWALED
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. 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	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [AURKA aurora kinase A \[Homo sapiens \]](#)

Official Symbol [AURKA](#)

Synonyms AURKA; aurora kinase A; serine/threonine kinase 6 , serine/threonine kinase 15 , STK6, STK15; ARK1; AurA; BTAK; PPP1R47; protein phosphatase 1; regulatory subunit 47; STK7; ARK-1; hARK1; aurora 2; IPL1-related kinase; aurora-related kinase 1; aurora/IPL1-like kinase; serine/threonine kinase 6; aurora/IPL1-related kinase 1; breast tumor-amplified kinase; breast-tumor-amplified kinase; serine/threonine-protein kinase 6; serine/threonine protein kinase 15; serine/threonine-protein kinase 15; serine/threonine-protein kinase aurora-A; protein phosphatase 1, regulatory subunit 47; AIK; AURA; STK6; STK15; AURORA2; MGC34538;

Gene ID [6790](#)

mRNA Refseq [NM_003600](#)

Protein Refseq [NP_003591](#)

MIM [603072](#)

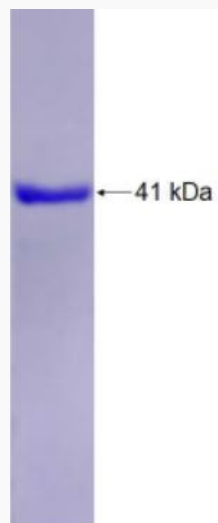
UniProt ID [O14965](#)

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SDS-PAGE



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