

Recombinant Human AURKA protein, His-tagged

Cat. No. AURKA-3176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AURKA protein(1-132 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-132 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	MDRSKENCISGPVKATAPVGGPKRVLVTQQFPCQNPLPVNSGQAQRVLCPSNSSQ RVPLQAQKLVSSHKPVQNQKQKQLQATSVPHPVSRPLNNTQKSKQPLPSAPENNP EEELASKQKNEESKKRQWALED
Purity	90%, 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 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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