

Recombinant Human AURKA protein, Flag-tagged, Biotinylated

Cat. No. AURKA-34H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AurA [1-403(end) amino acids of accession number NP_940835.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-403 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	50 kDa
Purity	>81% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	AURKA aurora kinase A [Homo sapiens]
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 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

Official Symbol	AURKA
Synonyms	AURKA; ARK1; AurA; BTAK; PPP1R47; STK7; ARK-1; hARK1; aurora 2; AIK; AURA; STK6; STK15; AURORA2
Gene ID	6790
mRNA Refseq	NM_003600
Protein Refseq	NP_003591
MIM	603072
UniProt ID	O14965
Chromosome Location	20q13
Pathway	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Oocyte meiosis, organism-specific biosystem;
Function	ATP binding; kinase activity; nucleotide binding; protein binding; protein kinase activity; protein kinase binding; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity; ubiquitin protein ligase binding;

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