

# Recombinant Human AURKB/INCENP protein, Flag/His-tagged, Biotinylated

Cat. No. AURKB-35H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human AurB [1-344(end) amino acids of accession number Q96GD4] fused with DYKDDDDK tag at N-terminal and biotinylated was co-expressed with His-tagged INCENP(INBOX) [803-918(end) amino acids of accession number AAU04398] in insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-344;803-918 a.a.
<b>Form</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Molecular Mass</b>	AURKB(43 kDa)
<b>Purity</b>	>82% as determined by SDS-PAGE and CBB staining
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

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

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<b>Official Symbol</b>	<a href="#">AURKB</a>
<b>Synonyms</b>	AURKB; Aik2; AIM 1; ARK2; AurB; aurora 1; aurora B; IPL1; PPP1R48; STK5; ARK-2; STK-1; aurora-1; aurora-B; AIK2; AIM1; AIM-1; STK12;
<b>Gene ID</b>	<a href="#">9212</a>
<b>mRNA Refseq</b>	<a href="#">NM_001256834</a>
<b>Protein Refseq</b>	<a href="#">NP_001243763</a>
<b>MIM</b>	<a href="#">604970</a>
<b>UniProt ID</b>	<a href="#">Q96GD4</a>
<b>Chromosome Location</b>	17p13.1
<b>Pathway</b>	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; Aurora C signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
<b>Function</b>	ATP binding; metal ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity;

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