

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
ProteinLength	1-344;803-918 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	AURKB(43 kDa)
Purity	>82% 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	AURKB aurora kinase B [Homo sapiens]
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Official Symbol	AURKB
Synonyms	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;
Gene ID	9212
mRNA Refseq	NM_001256834
Protein Refseq	NP_001243763
MIM	604970
UniProt ID	Q96GD4
Chromosome Location	17p13.1
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; Aurora C signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
Function	ATP binding; metal ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity;

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