

Recombinant Mouse Aurkb, His-tagged

Cat. No. Aurkb-3781M Lot. No. (See product label)

SPECIFICATION

Product Overview	Aurora kinase B (Aurkb)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	345
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Aurkb recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name [Aurkb aurora kinase B \[Mus musculus \]](#)

Official Symbol [Aurkb](#)

Synonyms

AURKB; aurora kinase B; ARK-2; aurora 1; aurora B; aurora-related kinase 2; serine/threonine kinase 5; serine/threonine kinase 12; aurora/IPL1-related kinase 2; serine/threonine-protein kinase 5; serine/threonine-protein kinase 12; serine/threonine-protein kinase aurora-B; aurora- and IPL1-like midbody-associated protein 1; Aik2; Aim1; Ark2; AurB; IPL1; Stk5; AIM-1; AIRK2; STK-1; Stk12; AL022959;

Gene ID [20877](#)

mRNA Refseq [NM_011496](#)

Protein Refseq [NP_035626](#)

Chromosome Location 11 B3; 11 42.32 cM

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; Cell Cycle, organism-specific biosystem;

Function

ATP binding; kinase activity; metal ion binding; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity; transferase activity; transferase activity, transferring phosphorus-containing groups;

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