

Recombinant Mouse Aurkb Protein, Myc/DDK-tagged

Cat. No. Aurkb-1789M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length aurora kinase B (Aurkb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the aurora kinase subfamily of serine/threonine kinases. The genes encoding the other two members of this subfamily are located on chromosomes 2 and 7. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules.
Molecular Mass	39.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Aurkb aurora kinase B [<i>Mus musculus</i> (house mouse)]
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
UniProt ID	O70126

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