

Product datasheet for **TP310288L**

Aurora B (AURKB) (NM_004217) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human aurora kinase B (AURKB), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210288 representing NM_004217 Red =Cloning site Green =Tags(s)

MAQKENSYPWPYGRQTAPSGLSTLPQRVLRKEPVTSPALVLMRSRNVQPTAAPGQKVMENSSGTPDILTR
HFTIDDFEIGRPLGKGFVYLAAREKKSHFIVALKVLFSQIEKEGVEHQLRREIEIQAHLLHPNLR
YNYFYDRRRIYLILEYAPRGELYKELQKSCTFDEQRTATIMEELADALMYCHGKKVIHRDIKPENLLLGL
KGELKIADFGWSVHAPSLRRKTMCGTLDYLPPEMIEGRMHNEKVDLWCIGVLCYELLVGNPPFESASHNE
TYRRIVKVDLKFPAVPTGAQDLISKLLRHNPSERLPLAQVSAHPWVRANSRRVLPPSALQSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004208</u>
Locus ID:	9212



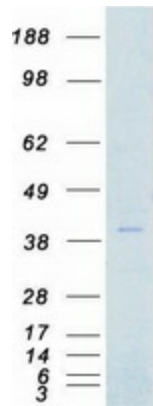
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UniProt ID: [Q96GD4](#)
RefSeq Size: 1253
Cytogenetics: 17p13.1
RefSeq ORF: 1032
Synonyms: AIK2; AIM-1; AIM1; ARK-2; ARK2; AurB; aurkb-sv1; aurkb-sv2; IPL1; PPP1R48; STK-1; STK5; STK12

Summary: 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 19 and 20. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of this gene is located on chromosome 8. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015]

Protein Families: Druggable Genome, Protein Kinase, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified AURKB protein (Cat# [TP310288]). The protein was produced from HEK293T cells transfected with AURKB cDNA clone (Cat# [RC210288]) using MegaTran 2.0 (Cat# [TT210002]).