

Product datasheet for **TP505201**

Aurkb (NM_011496) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse aurora kinase B (Aurkb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205201 protein sequence Red =Cloning site Green =Tags(s)

MAQKENAYWPYPYGSKTSQSGLNLTLSQRVLRKEPATTSSALALVNRSNSQSTAAPGQKLAENKSQGSTASQG
SQNKQPFTIDNFEIGRPLGKGFVLYLAREKKSFRIVALKILFKSQIEKEGVEHQLRREIEIQAHLKHP
NILQLYNYFYDQQRILILEYAPRGELYKELQKSRTFDEQRTATIMEELSDALTYCHKKKVIHRDIKPEN
LLLGLQGELKIADFGWSVHAPSLRRKTMCGTLDYLPPEMIEGRMHNMVDLWCIGVLCYELMVGNNPPFES
PSHSETYRRIVKVDLKFSSVPSGAQDLISKLLKHNPWQRLPLAEVAHPWVRANSRRVLPPSAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.3 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
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 after receiving vials.
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:	NP_035626
Locus ID:	20877
UniProt ID:	O70126



[View online »](#)

RefSeq Size:	1957
Cytogenetics:	11 42.32 cM
RefSeq ORF:	1038
Synonyms:	Al; Aik2; AIM-1; Aim1; AIRK2; AL022959; Ark2; AurB; I; IPL1; Stk; STK-; STK-1; Stk1; 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 2 and 7. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. [provided by RefSeq, Sep 2015]