

Product datasheet for TP301852

katanin p80 (KATNB1) (NM_005886) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human katanin p80 (WD repeat containing) subunit B 1 (KATNB1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201852 protein sequence Red=Cloning site Green=Tags(s)

MATPVVTKTAWKLQEIVAHASNVSSLVLGKASGRLLATGGDDCRVNLWSINKPNCIMSLTGHTSPVESVR
LNTPEELIVAGSQSGSIRVWDLEAAKILRTLGMGHKANICSLDFHPYGEFVASGSQDTNIKLWDIRRKGCV
FRYRGHSQAVRCLRFSPDGKWLASAADDHTVKLWDLTAGKMMSEFPGHTGPNVVEFHPNEYLLASGSSD
RTIRFDWLEKFQVWSCIEGEPGPVRSVLFNPDGCCLYSGCQDSLRYGWEPERCFDVLVNWGKVADLAI
CNDQLIGVAFSQSNVSSYVDLTRVTRTGTVARDPVQDHRPLAQPLPNPSAPLRRRIYERPSTTCSKPQRV
KQNSESERRSPSEDDRRDERESRAEIQNAEDYNEIFQPKNSISRTPPRRSEFPAPPEDDAATAKEAAKP
SPAMDVQFPVPLEVLRPPVAVSTPAPKAEPPIIPATRNEPIGLKASDFLPAVKIPQQAEVDEDAMSQ
IRKGHDTMVCVLTSRHKNLDTVRAVWTMGDIKTSVDSAVAINDSLVSVDLLNIVNQASLWKLDLCTTVL
PQIEKLLQSKYESYVQTGCTSLKLILQRFLPLITDMLAAPPVSGVDISREERLHKCRLCYQLKSISGLV
KSKSGLSGRHGSTFRELHLLMASLD

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

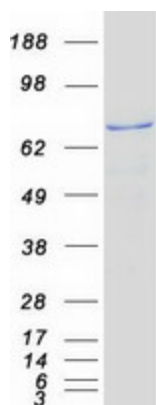
Tag:	C-Myc/DDK
Predicted MW:	72.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_005877
Locus ID:	10300
UniProt ID:	Q9BVA0
RefSeq Size:	2661
Cytogenetics:	16q21
RefSeq ORF:	1965
Synonyms:	KAT; LIS6
Summary:	Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. Katanin is a member of the AAA family of ATPases. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified KATNB1 protein (Cat# TP301852). The protein was produced from HEK293T cells transfected with KATNB1 cDNA clone (Cat# [RC201852]) using MegaTran 2.0 (Cat# [TT210002]).