

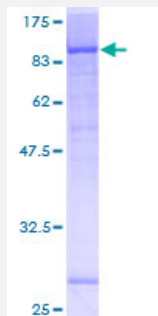
Full-Length

KATNB1 (Human) Recombinant Protein (P01)

Catalog # H00010300-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KATNB1 full-length ORF (AAH01353, 1 a.a. - 655 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATPVVTKTAWKLQEIVAHASNVSSLVLGKASGRLLATGGDDCRVNLWSINKPNCIMSLTGHTSP
VESVRLNTPEELVAGSQSGSIRVWDLEAAKILRTLMGHKANICSLDFHPYGEFVASGSQDTNKL
WDIRRKGCVFRYRGHSQAVRCLRFSPDGKWLASAADDHTVKLWDLTAGKMMSEFPGHTGPVN
VVEFHPNEYLLASGSSDRTIRFWDLEKFQVVSCIEGEPGPVRSVLFNPDGCCLYSGCQDSLRY
GWEPERCFDVVLVNWGKVADLAICNDQLIGVAFSQSNVSSYVVDLTRVTRTGTVARDPVQDHRP
LAQPLPNPSAPLRRYERPSTTCSKPQRVKQNSESEERRSPSSEDDRDERESRAEIQNAEDYNEIF
QPKNSISRTPPRRSEFPAPPEDDAATAKEAAKPSAMDVQFPVPNLEVLPRPPVVASTPAPKA
EPAIIPATRNEPIGLKASDFLPAVKIPQQAELVDEDAMSQIRKGHDTMCVVLTSRHKNLDTVRAVW
TMGDIKTSVDSAVAINDLVVDLLNIVNQASLWKLDLCTTVLPQIEKLLQSKYESYVQTGCTSLK
LILQRFLPLITDMLAAPPVSGVDISREERLHKCRLCYQLKSISGLVKSKSGLSGRHGSTFRELHLL
MASLD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

97.79

Interspecies Antigen Sequence

Mouse (95); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — KATNB1

Entrez GeneID	10300
GeneBank Accession#	BC001353
Protein Accession#	AAH01353
Gene Name	KATNB1
Gene Alias	KAT
Gene Description	katanin p80 (WD repeat containing) subunit B 1
Omim ID	602703
Gene Ontology	Hyperlink
Gene 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]

Other Designations

katanin (80 kDa)|katanin p80 (WD40-containing) subunit B 1|katanin p80 subunit B 1