Recombinant Human KATNA1 Protein (Met1-Gly168), His tagged

Cat. No. KATNA1-2910H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KATNA1 (Met1-Gly168) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gly168
Description	Catalytic subunit of a complex which severs microtubules in an ATP-dependent manner. Microtubule severing may promote rapid reorganization of cellular microtubule arrays and the release of microtubules from the centrosome following nucleation. Microtubule release from the mitotic spindle poles may allow depolymerization of the microtubule end proximal to the spindle pole, leading to poleward microtubule flux and poleward motion of chromosome. Microtubule release within the cell body of neurons may be required for their transport into neuronal processes by microtubule-dependent motor proteins. This transport is required for axonal growth.
Molecular Mass	21.31 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	KATNA1 katanin p60 (ATPase containing) subunit A 1 [Homo sapiens (human)]
Official Symbol	KATNA1
Synonyms	KATNA1; katanin p60 (ATPase containing) subunit A 1; katanin p60 ATPase-containing subunit A1; p60 katanin; katanin p60 subunit A1; katanin p60 (ATPase-containing) subunit A 1;
Gene ID	11104
mRNA Refseq	NM_001204076
Protein Refseq	NP_001191005
MIM	606696
UniProt ID	O75449

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA