

Recombinant Human KATNA1 cell lysate

Cat. No. KATNA1-888HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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. This gene encodes the p80 subunit. This protein is a member of the AAA family of ATPases.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	KATNA1 katanin p60 (ATPase containing) subunit A 1 [Homo sapiens]
Official Symbol	KATNA1
Synonyms	KATNA1; katanin p60 (ATPase containing) subunit A 1; katanin p60 ATPase-

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	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
Chromosome Location	6q24.3
Pathway	Lissencephaly gene (LIS1) in neuronal migration and development, organism-specific biosystem;
Function	ATP binding; ATPase activity; dynein binding; hydrolase activity; microtubule binding; contributes_to microtubule-severing ATPase activity; nucleotide binding; protein heterodimerization activity;