

Recombinant Mouse Katnal1 Protein, Myc/DDK-tagged

Cat. No. Katnal1-3645M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length katanin p60 subunit A-like 1 (Katnal1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulates microtubule dynamics in Sertoli cells, a process that is essential for spermiogenesis and male fertility. Severs microtubules in an ATP-dependent manner, promoting rapid reorganization of cellular microtubule arrays. Has microtubule-severing activity in vitro.
Molecular Mass	55.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Katnal1 katanin p60 subunit A-like 1 [Mus musculus (house mouse)]
Official Symbol	Katnal1
Synonyms	KATNAL1; katanin p60 subunit A-like 1; katanin p60 ATPase-containing subunit A-like 1; p60 katanin-like 1; MGC40859
Gene ID	231912
mRNA Refseq	NM_153572
Protein Refseq	NP_705800
UniProt ID	Q8K0T4

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