

Product datasheet for **TP507813**

Katnal1 (NM_153572) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse katanin p60 subunit A-like 1 (Katnal1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207813 protein sequence Red =Cloning site Green =Tags(s)

MNLAEICENAKKGREYALLGNYDSSMVEYQGVIIQIRHCQSLRDPATKAKWQVQRQELLEEEYEQVKSIV
STLESFKMDKPPDFVSCRDEPFRDPAVWPPPVAEHRAPPQIRRPNREVRPLRKDVGAGARGLVGRAHQ
ISKSDKPASRDKDYRARGRDDKARKNVQDGASDSEIPKFDGAGYDKDLVEALERDIVSRNPSIHWDIAD
LEEAKLLREAVLPMWMPDFFKGIRRPWKGVLVMPGPGTKMLAKAVATECGTTFNVSSTLTSKYR
GESEKLVRLLFEMARFYAPTTIFIDEIDSICSRRTSDEHEASRRVKSSELLIQMDGVGGALEND DPSKMV
MVLAATNFPWDIDEALRRRLEKRIYIPLPTAKGRAELLKISLREVELDPDVHLEDIADKTEGYSGADITN
ICRDASLMAMRRRINGLSPEEIRALSKEELQMPVTRGDLELALKKIAKSVSAADLEKYEKWMVEFGSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	55.2 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
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 after receiving vials.
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_705800
Locus ID:	231912



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UniProt ID: [Q8K0T4](#)

RefSeq Size: 6173

Cytogenetics: 5 G3

RefSeq ORF: 1467

Synonyms: MGC40859

Summary: 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 (PubMed:22654668). Has microtubule-severing activity in vitro (By similarity).[UniProtKB/Swiss-Prot Function]