

## Product datasheet for PH306087

### KATNAL2 (NM\_031303) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	KATNAL2 MS Standard C13 and N15-labeled recombinant protein (NP_112593)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206087
Predicted MW:	52.8 kDa
Protein Sequence:	>RC206087 protein sequence Red=Cloning site Green=Tags(s)

MEYESYFVKFQKYPKIVKSSDTAENNLQSRGKTRRMMNDSCQNLPKINQQRPRSKTTAGKTGDTKS  
LNKEHPNQEVVDNTRLENANFGLHISRIRKDSGEENAHPRRGQIIDFQGLLTDIAIKGATSELALNTFDHN  
PDPSERLKPLSAFIGMNSEMRELAAVVSRDIYLHNPNIKWNDIIGLDAKQLVKEAVVYPIRYPQLFTG  
ILSPWKGLLLYGPPGTGKTLAKAVATECKTTFNISASTIVSKWRGDSEKLVVLFELARYHAPSTIFL  
DELESVMSQRGTASGGEHEGSLRMKTELLVQMDGLARSEDLVFVLAASNLPWELDCAMLRREKRILVDL  
PSREARQAMIYHWLPPVSKSRALELHTELEYSVLSQETEGYSGSDIKLVCREAAMRPVRKIFDALENHQ  
ESSDLPRIQLDIVTTADFLDVLTHTKPSAKNLAQRYSDWQREFESV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_112593</a>
RefSeq Size:	2850
RefSeq ORF:	1398
Locus ID:	83473



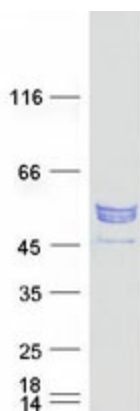
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UniProt ID: [Q8IYT4](#)

Cytogenetics: 18q21.1

Summary: Severs microtubules in vitro in an ATP-dependent manner. This activity may promote rapid reorganization of cellular microtubule arrays.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified KATNAL2 protein (Cat# [TP306087]). The protein was produced from HEK293T cells transfected with KATNAL2 cDNA clone (Cat# [RC206087]) using MegaTran 2.0 (Cat# [TT210002]).