

## Product datasheet for **TP306087L**

### **KATNAL2 (NM\_031303) Human Recombinant Protein**

#### **Product data:**

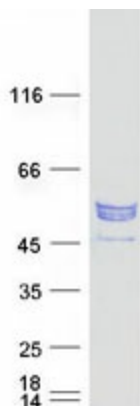
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|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Recombinant protein of human katanin p60 subunit A-like 2 (KATNAL2), 1 mg   |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | HEK293T   |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC206087 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|  | <p>MEYESYFVKFQKYPKIVKKSSDTAENNLPQRSRGKTRMMNDSCQNLPKINQQRPRSKTTAGKTGDTKS<br/>LNKEHPNQEVVDNTRLENANFGLHISRIRKDSGEENAHPRRGQIIDFQGLLTDAIKGATSELALNTFDHN<br/>PDPSEKLLKPLSAFIGMNSEMRELAAVVSRDIYLNPNIKWNDIIGLDAAKQLVKEAVVYPIRYPQLFTG<br/>ILSPWKGLLLYGPPGTGKTLAKAVATECKTFFNISASTIVSKWRGDSEKLVVLFELARYHAPSTIFL<br/>DELESVMSQRGTASGGEHEGSLRMKTELLVQMDGLARSEDLVFVLAASNLPWELDCAMLRRLEKRILVDL<br/>PSREARQAMIYHWLPPVSKSRALELHTELEYSVLSQETEGYSGSDIKLVCREAAMRPVRKIFDALENHQS<br/>ESSDLPRIQLDIVTTADFLDVLTHTKPSAKNLAQRYSDWQREFESV</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| <b>Tag:</b>                                  | C-Myc/DDK   |
| <b>Predicted MW:</b>                         | 52.6 kDa  |
| <b>Concentration:</b>                        | >0.05 µg/µL as determined by microplate BCA method  |
| <b>Purity:</b>                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Buffer:</b>                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| <b>Preparation:</b>                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  |
| <b>Note:</b>                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| <b>Storage:</b>                              | Store at -80°C.   |
| <b>Stability:</b>                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| <b>RefSeq:</b>                               | <u><a href="#">NP_112593</a></u>  |



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|---------------|--|
| Locus ID:     | 83473  |
| UniProt ID:   | <a href="#">Q8IYT4</a>   |
| RefSeq Size:  | 2850   |
| Cytogenetics: | 18q21.1  |
| RefSeq ORF:   | 1398   |
| 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]).