

## Product datasheet for TP522485

### Poc1b (NM\_027740) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse POC1 centriolar protein B (Poc1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222485 representing NM_027740 Red=Cloning site Green=Tags(s)

MASGLEDPILEERSFKGHKAAITSADFPNCKQIATASWDTFLMLWSLKPHARAYRYVGHKDVWTSLQFSP  
QGNLLASASRDRTVRLWVLDKRGKSSEFKAHTAPVRSVDFSDGQLLVASEDKSIKVVSMFRQRFLYSL  
YRHTHWVRCAKFSPDGRLIVSCSEDKTIKIWDTTNKQCVNNFSDSVGFANFVDFNPNGTCIASAGSDHAV  
KIWDIRMNKLLQHYQVHSCGVNCLSFHPLGNSLVTASSDGTVMKMLDLIEGRLIYTLQGHGTGPVFTVSFSK  
DGELLTSGGADAQVLIWRTNFIHLHCKDPKRNLKRLHFEASPHLLDIYPRSPHSHEDRKETIEINPKREV  
MDLQSSSPVVDVLSFDSTTMTDSTYRAVPGKGEDICRYFLNPLLMPESSTTVKKRPEDVSDVPSESLR  
SVPLAVADALEHIMEQLNILTQTVSILEQRLSLTEDKLRDCLLENQKLFSAVQQKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	53.5 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:	<a href="#">NP_082016</a>
Locus ID:	382406



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UniProt ID: [Q8BHD1](#)

RefSeq Size: 2727

Cytogenetics: 10 C3- D1

RefSeq ORF: 1428

Synonyms: 4933430F16Rik; Wdr51b

**Summary:** Plays an important role in centriole assembly and/or stability and ciliogenesis. Involved in early steps of centriole duplication, as well as in the later steps of centriole length control. Acts in concert with POC1A to ensure centriole integrity and proper mitotic spindle formation. Required for primary cilia formation, ciliary length and also cell proliferation. Required for retinal integrity.[UniProtKB/Swiss-Prot Function]