

Recombinant Mouse Poc1b Protein, Myc/DDK-tagged

Cat. No. Poc1b-4974M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length POC1 centriolar protein B (Poc1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	53.5 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	Poc1b POC1 centriolar protein B [Mus musculus (house mouse)]
Official Symbol	Poc1b
Synonyms	POC1B; POC1 centriolar protein homolog B (Chlamydomonas); POC1 centriolar protein homolog B; WD repeat domain 51B; WD repeat-containing protein 51B; Wdr51b; 4933430F16Rik
Gene ID	382406
mRNA Refseq	NM_027740
Protein Refseq	NP_082016
UniProt ID	Q8BHD1

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