

Recombinant Human POC1B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POC1B-3260H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POC1B MS Standard C13 and N15-labeled recombinant protein (NP_758440) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	POC1 proteins contain an N-terminal WD40 domain and a C-terminal coiled coil domain and are part of centrosomes. They play an important role in basal body and cilia formation. This gene encodes one of the two POC1 proteins found in humans. Mutation in this gene result in autosomal-recessive cone-rod dystrophy. Alternative splicing results in multiple transcript variants.
Molecular Mass	53.7 kDa
AA Sequence	MASATEDPVLERYFKGHKAAITSLDLSPNGKQLATASWDTFLMLWNFKPHARAYRY VGHKDVVTSVQFSPHGNLLASASRDRTVRLWIPDKRGKFSEFKAHTAPVRSVDFSA DGQFLATASEDKSIKVWSMYRQRFLYSLYRHTHWVRCAKFSPDGRLIVSCSEDKTIK IWDTTNKQCVNNFSDSVGFANFVDFNPSGTCIASAGSDQTVKVWDVRVNKLLQHY QVHSGGVNCISFHPSGNYLITASSDGTKILDLLLEGRLIYTLQGHTGPVFTVSFSKGG ELFASGGADTQVLLWRTNFDELHCKGLTKRNLKRLHFDSPPHLLDIYPRTPHPHEEK VETVEINPKLEVIDLQISTPPVMDILSFDSTTTTETSGRTLDPKGEEACGYFLNPSLMS PECLPTTTKKKTEDMSDLPCEQRSIPLAVTDALEHIMEQLNVLTQTVSILEQRLTLTE

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DKLKDCLNQQKLFSVQKSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	POC1B POC1 centriolar protein B [Homo sapiens (human)]
Official Symbol	POC1B
Synonyms	POC1B; POC1 centriolar protein homolog B (Chlamydomonas); WD repeat domain 51B, WDR51B; POC1 centriolar protein homolog B; FLJ14923; TUWD12; WD repeat-containing protein 51B; PIX1; WDR51B; FLJ41111;
Gene ID	282809
mRNA Refseq	NM_172240
Protein Refseq	NP_758440
MIM	614784

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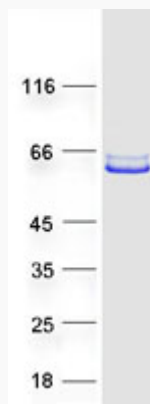
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UniProt ID

Q8TC44

SDS-PAGE

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