

Recombinant Human POC1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POC1A-3963H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POC1A MS Standard C13 and N15-labeled recombinant protein (NP_056241) 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. Mutations in this gene result in short stature, onychodysplasia, facial dysmorphism, and hypotrichosis (SOFT) syndrome.
Molecular Mass	45 kDa
AA Sequence	MAAPCAEDPSLERHFKGHRDAVTCVDFSINTKQLASGSMDSCLMVWHMKPQSRAY RFTGHKDAVTCVNFSPSGHLLASGSRDKTVRIWVPNVKGESTVFRAHTATVRSVHF CSDGQSFVTASDDKTVKVVWATHRQKFLFSLSQHINWVRCAKFSPDGRLIVSASDDK TVKLWDKSSRECVHSYCEHGGFVTYVDFHPSGTCIAAAGMDNTVKVWDVVRTHRL QHYQLHSAAVNGLSFHPSGNYLITASSDSTLKILDLMEGRLLYTLHGHHQGPATTVA F SRTGEYFASGGSDEQVMVWKS NF DIVDHGEVTKVPRPPATLASSMGNLPEVDFPV PPGRGRSVESVQSQPQEPVSVPTLTSTLEHIVGQLDVLTTQTVSILEQRLTLTEDKL KQCLNQQLIMQRATPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.

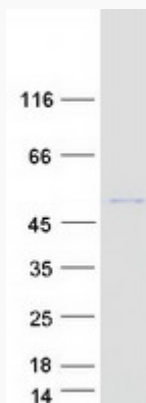
GENE INFORMATION

Gene Name	POC1A POC1 centriolar protein A [Homo sapiens (human)]
Official Symbol	POC1A
Synonyms	POC1A; POC1 centriolar protein homolog A (Chlamydomonas); WD repeat domain 51A, WDR51A; POC1 centriolar protein homolog A; DKFZP434C245; WD repeat domain 51A; WD repeat-containing protein 51A; PIX2; WDR51A; MGC131902; DKFZp434C245;
Gene ID	25886
mRNA Refseq	NM_015426
Protein Refseq	NP_056241
MIM	614783
UniProt ID	Q8NBT0

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SDS-PAGE

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