

Product datasheet for PH305470

WDR51B (POC1B) (NM_172240) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POC1B MS Standard C13 and N15-labeled recombinant protein (NP_758440)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205470
Predicted MW:	53.7 kDa
Protein Sequence:	>RC205470 protein sequence Red=Cloning site Green=Tags(s)

MASATEDPVLERYFKGHKAAITSLDLSPNGQLATASWDTFLMLWNFKPHARAYRYVGHKDVVTSVQFSP
HGNLLASASRDRTVRLWIPDKRGKFSEFKAHTAPVRSVDF SADGQFLATASEDKSIKVWSMYRQRFLYSL
YRHTHWVRCAKFSPDGRLIVSCSEDKTIKIWDTTNKQCVNNFSDSVGFANFVDFNPSGTCIASAGSDQTV
KVWDVRVNKLLQHYQVHSGGVNCSFHPSGNYLITASSDGTLLKLDLLEGRLIYTLQGHTGPVFTVSFSK
GGELFASGGADTQVLLWRTNFDELHCKGLTKRNLKRLHFDSPPHLLDIYPRTPHPHEEKVETVEINPKLE
VIDLQISTPPVMDILSFDSTTTTETSGRTLDPKGEEACGYFLNPSLMSPECLPTTTKKKTEDMSDLPCES
QRSIPLAVTDALEHIMEQLNVLQTVSILEQRLTLTEDKLDKDCLENQQKLFSAVQQKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_758440</u>
RefSeq Size:	3251
RefSeq ORF:	1434
Synonyms:	CORD20; PIX1; TUWD12; WDR51B



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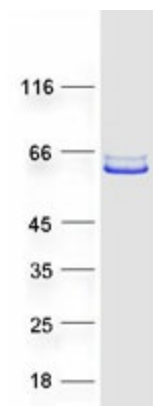
Locus ID: 282809

UniProt ID: [Q8TC44](#), [A0MNP0](#)

Cytogenetics: 12q21.33

Summary: 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. [provided by RefSeq, Oct 2014]

Product images:



Coomassie blue staining of purified POC1B protein (Cat# [TP305470]). The protein was produced from HEK293T cells transfected with POC1B cDNA clone (Cat# [RC205470]) using MegaTran 2.0 (Cat# [TT210002]).