

## Product datasheet for **TP305470L**

### WDR51B (POC1B) (NM\_172240) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human WD repeat domain 51B (WDR51B), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC205470 protein sequence  
Red=Cloning site Green=Tags(s)

MASATEDPVLERYFKGHKAAITSLDLSPNGKQLATASWDTFLMLWNFKPHARAYRYVGHKDVVTSVQFSP  
HGNLLASASRDRTVRLWIPDKRGKFSEFKAHTAPVRSVDFSDGQFLATASEDKSIKVVSMYRQRFLYSL  
YRHTHWVRCAKFSPDGRLIVSCSEDKTIKIWDTTNKQCVNNEFSDSVGFANFVDFNPSGTCIASAGSDQTV  
KVDVVRVKNLLQHYQVHSGGVNCSIFHPSGNYLITASSDGLKILDLLLEGRLIYTLQGHTGPVFTVSFSK  
GGELFASGGADTQVLLWRTNFDLHCKGLTKRNLKRLHFDSPPHLLDIYRTPHPHEEKVETVEINPKLE  
VIDLQISTPPVMDILSFDSTTTTETSGRTLDPKGEEACGYFLNPSLMSPECLPTTTKKKTEDMSDLPCE  
QRSIPLAVTDALEHIMEQLNVLVTQTVSILEQRLTLTEDKLDKLDLENQKLFSAVQQKS

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

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**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.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

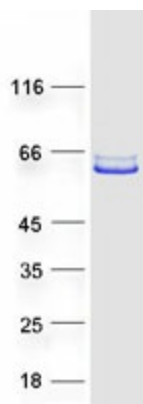
**RefSeq:** [NP\\_758440](#)



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Locus ID:	282809
UniProt ID:	<a href="#">Q8TC44</a> , <a href="#">A0MNP0</a>
RefSeq Size:	3251
Cytogenetics:	12q21.33
RefSeq ORF:	1434
Synonyms:	CORD20; PIX1; TUWD12; WDR51B
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]).