

## Product datasheet for TP305470

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

#### Product data:

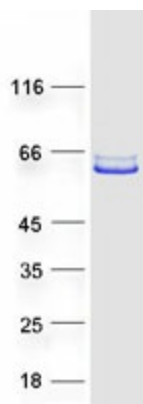
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human WD repeat domain 51B (WDR51B), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205470 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MASATEDPVLERYFKGHKAAITSLDLSPNGKQLATASWDTFLMLWNFKPHARAYRYVGHKDVTSVQFSP HGNLLASASRDRTVRLWIPDKRGKFSEFKAHTAPVRSVDFSDGQFLATASEDKSIKVVSMYRQFLYSL YRHTHWVRCAKFSPDGRLIVSCSEDKTIKIWDTTNKQCVNNFSDSVGFANFVDFNPSGTCIASAGSDQTV KVDVVRVKNLLQHYQVHSGGVNCSIFHPSGNYLITASSDGLKILDLEGRLIYTLQGHTGPVFTVSFSK GGELFASGGADTQVLLWRTNFDLHCKGLTKRNLKRLHFDSPPHLLDIYRTPHPHEEKVETVEINPKLE VIDLQISTPPVMDILSFDSTTTTETSGRTLDPKGEEACGYFLNPSLMSPECLPTTTKKKTEDMSDLPCE QRSIPLAVTDALEHIMEQLNVLVTQTVSILEQRLTLTEDKLDKLDLENQKLFSAVQQKS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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:	<u><a href="#">NP_758440</a></u>



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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]).