

## Product datasheet for TP300142M

### WDR79 (WRAP53) (NM\_018081) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human WD repeat containing, antisense to TP53 (WRAP53), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200142 protein sequence Red=Cloning site Green=Tags(s)

MKTLETQPLAPDCCPSDQDPAPAHSPHASPMMKNADSELMPPPPERGDPPRLSPDPVAGSAVSQELREG  
DPVSLSTPLETEFGSPSELSPRIEEQELSENTSLPAEEANGSLSEEEANGPELGSKGAMEDTSGEPAAED  
EGDTAWNYSFSQLPRFLSGSWSEFSTQPENFLKGCKWAPDGCILTNSADNILRIYNLPPELYHEGEQVE  
YAEMVPLRMVEGDTIYDYCWYSLMSSAQPDTSYVASSSRENPIHIWDAFTGELRASFRAYNHLDELTA  
HSLCFSPDGSQ LFCGFNRTVRVVFSTARPGRDCEVRATFAKKQGQSGIISCIASFPAQPLYACGSYGRSLG  
LYAWDDGSP LALLGGHQGGITHLCFHPDGNRFFSGARKDAELLCWDLRQSGYPLWLSL GREVTTNQRIFD  
LDPTGQFLVSGSTSGAVSVWDTDGPNGDGKPEPVL SFLPQKDC TNGVSLHPSLPLLATASGQRFPEPTE  
SGDEGEELGLPLLSTRHVHLECRLLQW WCGGAPDSSIPDDHQGEKGGTEGGVGLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

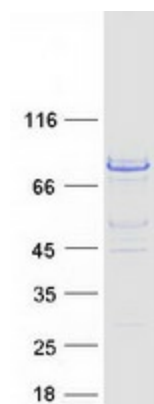
Tag:	C-Myc/DDK
Predicted MW:	59.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060551</a>
<b>Locus ID:</b>	55135
<b>UniProt ID:</b>	<a href="#">Q9BUR4</a>
<b>RefSeq Size:</b>	1982
<b>Cytogenetics:</b>	17p13.1
<b>RefSeq ORF:</b>	1644
<b>Synonyms:</b>	DKCB3; TCAB1; WDR79
<b>Summary:</b>	This gene encodes an essential component of the telomerase holoenzyme complex, a ribonucleoprotein complex required for telomere synthesis. This protein is enriched in Cajal bodies, nuclear sites of RNP processing that are important for telomerase function. It interacts with dyskerin, TERT and TERC, other components of active telomerase, and with small Cajal body RNAs (scaRNAs), which are involved in modifying splicing RNAs. This mRNA also functions as a p53 antisense transcript, that regulates endogenous p53 mRNA levels and further induction of p53 protein by targeting the 5' untranslated region of p53 mRNA. Alternatively spliced transcript variants which differ only in the 5' UTR have been found for this gene. [provided by RefSeq, Mar 2011]

### Product images:



Coomassie blue staining of purified WRAP53 protein (Cat# [TP300142]). The protein was produced from HEK293T cells transfected with WRAP53 cDNA clone (Cat# [RC200142]) using MegaTran 2.0 (Cat# [TT210002]).