

Product datasheet for TP327773

WDR79 (WRAP53) (NM_001143991) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens WD repeat containing, antisense to TP53 (WRAP53), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227773 representing NM_001143991 Red =Cloning site Green =Tags(s)

MKTLETQPLAPDCCPSDQDPAPAHPSPHASPMNKNADSELMPPPPERGDPPRLSPDPVAGSAVSQELREG
DPVSLSTPLETEFGSPSELSPRIEEQELSENTSLPAEEANGSLSEEEANGPELGSKGAMEDTSGEPAAED
EGDTAWNYSFSQLPRFLSGSWSEFSTQPENFLKGCKWAPDGCILTNSADNILRIYNLPPELYHEGEQVE
YAEMVPLRMVEGDTIYDYCWYSLMSSAQPDTSYVASSSRENPIHIWDAFTGELRASFRAYNHLDELTA
HSLCFSPDGSQ LFCGFNRTVRVVFSTARPGRDCEVRATFAKKQGQSGIISCIASFPAQPLYACGSYGRSLG
LYAWDDGSP LALLGGHQGGITHLCFHPDGNRFFSGARKDAELLCWDLRQSGYPLWLSL GREVTTNQRIFD
LDPTGQFLVSGSTSGAVSVWDTDGPNGDGKPEVLSFLPQKDC TNGVSLHPSLPLLATASGQRFPEPTE
SGDEGEELGLPLLSTRHVHLECRLLQW WCGGAPDSSIPDDHQGEKGGGTEGGVGLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

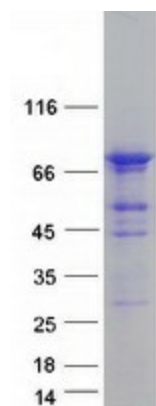
Tag:	C-Myc/DDK
Predicted MW:	59.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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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_001137463
Locus ID:	55135
UniProt ID:	Q9BUR4
RefSeq Size:	1847
Cytogenetics:	17p13.1
RefSeq ORF:	1644
Synonyms:	DKCB3; TCAB1; WDR79
Summary:	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# TP327773). The protein was produced from HEK293T cells transfected with WRAP53 cDNA clone (Cat# [RC227773]) using MegaTran 2.0 (Cat# [TT210002]).