

Recombinant Full Length Human WRAP53 Protein, C-Flag-tagged

Cat. No. WRAP53-1968HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human WRAP53 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	59.1 kDa
AA Sequence	MKTLETQPLAPDCCPSDQDPAPAHPSPHASPMNKNADSELMPPPPERGDPPRLSP DPVAGSAVSQELREG DPVSLSTPLETEFGSPSELSPRIEEQELSENTSLPAEEANGS LSEEEANGPELGSGKAMEDTSGEPAAED EGD TAWNYSFSQLPRFLSGSWSEFST

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QPENFLKGCKWAPDGSCILTNSADNILRIYNLPPELYHEGEQVE YAEMVPVLRMVE
 GDTIYDYCWYSLMSSAQPDTSYVASSSRENPIHIWDAFTGELRASFRAYNHLDELTA
 A HSLCFSPDGSQLFCGFNRTVRVFSTARPGRDCEVRATFAKKQGQSGIISCIASFPA
 QPLYACGSYGRSLG LYAWDDGSPLALLGGHQGGITHLCFHPDGNRFFSGARKDAE
 LLCWDLRQSGYPLWSLGREVTTNQRIYFD LDPTGQFLVSGSTSGAVSVWDTDGP
 NDGKPEPVLSFLPQKDCTNGVSLHPSLPLLATASGQRVFPEPTE SGDEGEELGLPL
 LSTRHVHLECRLLQWWCGGAPDSSIPDDHQGEKGQGGTEGGVGELI TRTRPLEQK
 LISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	WRAP53 WD repeat containing antisense to TP53 [Homo sapiens (human)]
Official Symbol	WRAP53
Synonyms	DKCB3; TCAB1; WDR79

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	55135
mRNA Refseq	NM_018081.2
Protein Refseq	NP_060551.2
MIM	612661
UniProt ID	Q9BUR4



Coomassie blue staining of purified WRAP53 protein.