

Recombinant Human WRAP53 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. WRAP53-2724H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

WRAP53 MS Standard C13 and N15-labeled recombinant protein (NP_001137462) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

59.1 kDa

AA Sequence

MKTLETQPLAPDCCPSDQDPAPAHPSPHASPMNKNADSELMPPPPGERGDPRLSP
DPVAGSAVSQELREGDPVSLSTPLETEFGSPSELSPRIEEQELSENTSLPAEEANGS
LSEEEANGPELGGKAMEDTSGEPAAEDEGDTAWNYSFSQLPRFLSGSWSEFSTQ
PENFLKGCKWAPDGCILTNSADNILRIYNLPPELYHEGEQVEYAEMVPLRMVEGD

 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

TIYDYCWYSLMSSAQPDTSYVASSSRENPIHIWDAFTGELRASFRAYNHLDELTA AH
 SLCFSPDGSQ LFCGFNRTVRVFSTARPGRDCEVRATFAKKQGQSGIISCI AFSPAQP
 LYACGSYGRSLGLYAWDDG SPLALLGGHQGGITHLCFHPDGNRFFSGARKDAELLC
 WDLRQSGYPLWSLGREVTTNQRIYFDLDP TGGFLVSGSTSGAVSVWDTDGP GNDG
 KPEPVL SFLPQKDCTNGVSLHPSLPLLATASGQRV FPEPTESGDEGEELGLPLLSTR
 HVHLECR LQLWWCGGAPDSSIPDDHQGEKGQGGTEGGV GELITRTRPLEQKLISEE
 DLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name WRAP53 WD repeat containing antisense to TP53 [Homo sapiens (human)]

Official Symbol WRAP53

Synonyms WRAP53; WD repeat containing, antisense to TP53; WD repeat domain 79, WDR79; telomerase Cajal body protein 1; FLJ10385; TCAB1; telomerase cajal body protein 1; WD encoding RNA antisense to p53; WD repeat domain 79; WD40 protein Wrap53; WD repeat-containing protein 79; WD40 repeat-containing protein encoding RNA antisense to p53; DKCB3; 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

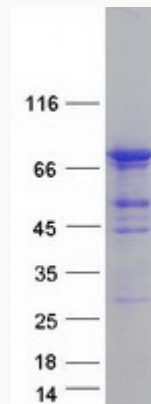
mRNA Refseq NM_001143990


Protein Refseq NP_001137462

MIM 612661

UniProt ID Q9BUR4

SDS-PAGE



 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