

Name: Recombinant protein of human tumor protein p53 (TP53), transcript variant 1

Catalog: TP300003

Product Data Sheet

Gene Name: Homo sapiens tumor protein p53 (TP53), transcript variant 1
GenBank accession: NM_000546

Description: Recombinant protein of human tumor protein p53 (TP53), transcript variant 1

Protein Gel Analysis Data:

Amount: 20 ug

Buffer and Storage: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Source: Recombinant protein was produced with TrueORF clone, [RC200003](#), encoding the full-length human TP53 with C-terminal DDK tag, from human HEK293 cells.

Protein Accn: NP_000537

Gene Synonym: BCC7; LFS1; P53; TRP53

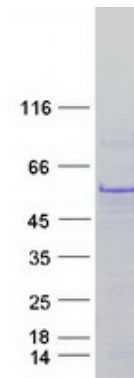
Predicted molecular weight: 43.5 kDa

Tags: C-terminal MYC/DDK

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

Concentration: >50 ug/mL as determined by microplate BCA method

BioActivity: TP53 Activity Verified in a DNA-binding Assay: TP53 (TP304649) activity was measured in a colorimetric DNA-binding assay. Double-stranded oligonucleotide containing the p53 consensus DNA-binding sequence was incubated with dilutions of the purified TP53 protein and TP53 bound to the oligo was captured onto the surface of a microtiter plate. After washing, bound TP53 was detected with an anti-p53 primary antibody followed by an HRP-labeled secondary antibody. After initial color development, the reaction was quenched and the color intensity was measured at 450nm.



Purified recombinant protein TP53 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.

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