

## Recombinant Human Tumor Protein P63

**Cat. No.** TP63-700H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant human TP63 was expressed in E. coli.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>Description</b>      | The TP63 gene, a homologue of the tumor-suppressor p53, is highly expressed in the basal or progenitor layers of many epithelial tissues. TP63 shows remarkable structural similarity to p53 and to the related p73 gene. Unlike p53, the TP63 gene encodes multiple isoforms with remarkably divergent abilities to transactivate p53 reporter genes and induce apoptosis. |
| <b>Form</b>             | Recombinant Human p63 at 100 µg/ml in 50 mM Tris-Acetate, pH 7.5 + 1 mM EDTA + 20% Glycerol.  |
| <b>Applications</b>     | ELISA; Inhibition Assays; Western Blotting  |
| <b>Storage</b>          | Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.   |
| <b>Official Symbol</b>  | TP63  |

### GENE INFORMATION

|                  |  |
|------------------|--|
| <b>Gene Name</b> | TP63 tumor protein p63 [ Homosapiens ] |
|------------------|--|

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**Synonyms** TP63; tumor proteinp63; AIS; KET; LMS; NBP; RHS; p40; p51; p63; EEC3; OFC8; p73H; p73L; SHFM4;TP53L; TP73L; p53CP; TP53CP; B(p51A); B(p51B); CUSP; OTTHUMP00000209732;OTTHUMP00000209733; OTTHUMP00000209734; OTTHUMP00000209735;OTTHUMP00000209737; OTTHUMP00000209738; OTTHUMP00000209739; OTTHUMP00000209740;OTTHUMP00000209741; OTTHUMP00000209742; OTTHUMP00000209743;OTTHUMP00000209744; transformation-related protein 63; tumor proteinp53-competing protein; amplified in squamous cell carcinoma; chroniculcerative stomatitis protein; keratinocyte transcription factor KET; tumorprotein p63 deltaN isoform delta

**Gene ID** [8626](#)

**mRNA Refseq** [NM\\_003722](#)

**Protein Refseq** [NP\\_003713](#)

**MIM** [603273](#)

**UniProt ID** Q9H3D4

**Chromosome Location** 3q28

**Pathway** Apoptosis; Directp53 effectors; TP53 network

**Function** DNA binding;chromatin binding; damaged DNA binding; double-stranded DNA binding;identical protein binding; metal ion binding; p53 binding; protein binding;sequence-specific DNA binding; sequence-specific DNA binding transcriptionfactor activity; transcription regulatory region DNA binding

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