

Recombinant Human Tumor Protein P63

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

SPECIFICATION

Product Overview	Recombinant human TP63 was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	Recombinant Human p63 at 100 g/ml in 50 mM Tris-Acetate, pH 7.5 + 1 mM EDTA + 20% Glycerol.
Applications	ELISA; Inhibition Assays; Western Blotting
Storage	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.
Official Symbol	TP63

GENE INFORMATION

Gene Name	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
C-terminal domain	

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of the p63 protein
PDB rendering based
on 1rg6.