

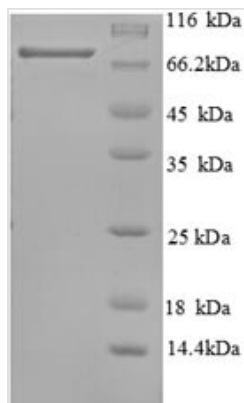


# Recombinant Human Tumor protein 63 (TP63)

<b>Product Code</b>	CSB-EP887971HU
<b>Relevance</b>	Acts as a sequence specific DNA binding transcriptional activator or repressor. The isoforms contain a varying set of transactivation and auto-regulating transactivation inhibiting domains thus showing an isoform specific activity. Isoform 2 activates RIPK4 transcription. May be required in conjunction with TP73/p73 for initiation of p53/TP53 dependent apoptosis in response to genotoxic insults and the presence of activated oncogenes. Involved in Notch signaling by probably inducing JAG1 and JAG2. Plays a role in the regulation of epithelial morphogenesis. The ratio of DeltaN-type and TA*-type isoforms may govern the maintenance of epithelial st cell compartments and regulate the initiation of epithelial stratification from the undifferentiated bryonal ectoderm. Required for limb formation from the apical ectodermal ridge. Activates transcription of the p21 promoter
<b>Abbreviation</b>	Recombinant Human TP63 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9H3D4
<b>Alias</b>	Chronic ulcerative stomatitis protein ;CUSPKeratinocyte transcription factor KETTransformation-related protein 63 ;TP63Tumor protein p73-like ;p73Lp40p51
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MNFETSRCATLQYCPDPYIQRVETPAHFSWKESYYRSTMSQSTQTNEFLSP EVFQHIWDFLEQPICSVQPIDLNFVDEPSEDGATNKIEISMDCIRMQDSDLSDP MWPQYTNLGLLNSMDQQIQNGSSSTSPYNTDHAQNSVTAPSPYAQPSSTFD ALSPSPAIPSN TDYPGPHSFDVSFQQSSTAKSATWTYSTE LKKLYCQIAKTCPI QIKVMTPPPQGAVIRAMPVYKKA EHVTEVVKRCPNHLSREFNEGQIAPPSHLI RVEGN SHAQYVEDPITGRQSVLVPY EPPQVGTEFTTVLYNFM CNSSCVGGMN RRPIL IIVTLETRDGQVLGRRCFEARICACPRDRK ADEDSIRKQQVSDSTKNG DGTKRPF RQNT HGIQMTS IKKRRSPDDELLYLPVRGRETYEMLLKIKESLELMQ YLPQHTIETYRQQQQQQHQHLLQKQTSIQSPSSYGNSSPPLNKMNSMKNLPS VSQ L INPQQRNALPTTIPDGMGANIPMMGTHMPMAGDMNGLSPTQALPPPL SMPSTSHCTPPPPYPTDCSIVSFLARLGCSSCLDYFTTQGLTTIYQIEHYSMDD LASLKIPEQFRHAIWKGILDHRQLHEFSSPSHLLRTPSSASTVSVGSSETRGER VIDAVRFTLRQTISFPPRDEW NDFNFDMDARRNKQQRIKEEGE
<b>Research Area</b>	Apoptosis
<b>Source</b>	E.coli
<b>Target Names</b>	TP63



<b>Expression Region</b>	1-680aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	80.8kDa
<b>Protein Length</b>	Full Length

**Image**


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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