

Tumor Protein p53 (TP53) Recombinant Protein | TP53 recombinant protein

Recombinant Tumor Protein p53 (TP53)

CATALOG # AAA134219	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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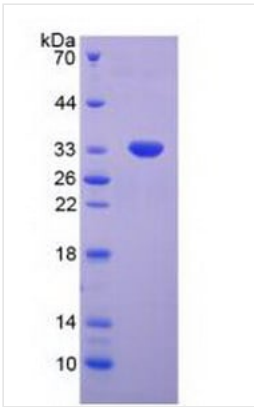
PRODUCT SYNONYMS

Tumor Protein p53 (TP53); Recombinant Tumor Protein p53 (TP53); TP53 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-TC PVQLWVSATP PAGSRVRAMA IYKKSQHMTE VVRRCPHER CSDGDGLAPP QHLIRVEGNL YPEYLEDRT FRHSVVVPYE PPEAGSEYTT IHYKYM CNSS CMGGMNRRPI LTIITLEDSS GNLLGRDSFE VRVCACPGRD RTEENFRK KEVLCPELPP GSAKRALPTC TSASPPQKKK PLDGEYFTLK IRGRKRFEMF RELNEALELK DAHATEESGD SRAHSSYLKT KKGQSTSRHK KTMVKKVGPD SD
Sequence Length	381
Applicable Applications for TP53 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Thr134~Asp387 (Accession # P02340) with N-terminal His-Tag
Subcellular Location	Cytoplasm. Nucleus. Endoplasmic reticulum. Mitochondrion matrix
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	9
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

TCPVQLW VSATPPAGSR
VRAMAIYKKS QHMTFVRRRC PHHERCSDGD GLAPPQHLIR VEGNLYPEYL
EDRQTFRHSV VVPYEPPEAG SEYTTIHYKY MCNSSCMGGM NRRPILTIIT
LEDSSGNLLG RDSFEVRVCA CPGRDRRTEE ENFRKKEVLC PELPPGSAKR
ALPTCTSASP PQKKKPLDGE YFTLKIRGRK RFEMFRELNE ALELKDAHAT
EESGDSRAHS SYLTKKKQS TSRHKKTMMK KVGPDSD

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	187960040
NCBI GeneID	22059
NCBI Accession #	NP_001120705.1
NCBI GenBank Nucleotide #	NM_001127233.1
UniProt Accession #	P02340; Q9QUP3
Molecular Weight	30.3kDa
NCBI Official Full Name	cellular tumor antigen p53 isoform b
NCBI Official Synonym Full Names	transformation related protein 53
NCBI Official Symbol	Trp53
NCBI Official Synonym Symbols	bbl; bfy; bhy; p44; p53; Tp53
NCBI Protein Information	cellular tumor antigen p53; tumor supressor p53; tumor suppressor p53; p53 cellular tumor antigen
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	Tp53
UniProt Synonym Gene Names	P53; Trp53
UniProt Entry Name	P53_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tp53-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134219>