

Tumor Protein p53 Recombinant Protein | TP53 recombinant protein

Recombinant Tumor Protein p53 (TP53)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20978	E. coli	Rat	SDS-Page, Western Blot, ELISA, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

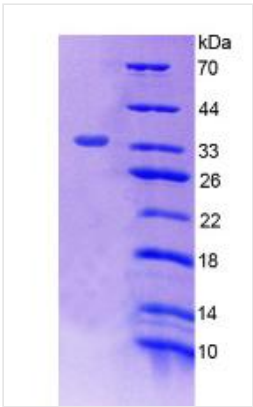
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Rat
Purity/Purification	>98%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	200ug/ml (varies by lot)
Applicable Applications for TP53 recombinant protein	SDS-PAGE, WB (Western Blot), ELISA, IP (Immunoprecipitation), ChIP (Chromatin Immunoprecipitation), Amine Reactive Labeling
Source	Prokaryotic expression.
Residues	Pro90~Ala354
Tags	N-terminal His-Tag
Tissue Specificity	Heart, Brain, Kidney, Liver.
Subcellular Location	Cytoplasm. Nucleus. Endoplasmic reticulum. Mitochondrion matrix.
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
Predicted Molecular Mass	33.7kDa
Accurate Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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 and precipitation were observed.The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence Information

YQGNYGFLG FLQSGTAKSV MCTYSISLNK LFCQLAKTCP VQLWVTSTPP
PGTRVRAMAI YKKSQHMTVEV VRRCPHHERC SDGDGLAPPQ HLIRVEGNPY
AEYLDQRQTF RHSVVPYEP PEVGSDYTTI HYKVMCNSSC MGGMNRRLPIL
TIITLEDSSG NLLGRDSFEV RVCACPGRDR RTEEENFRKK EEHCPCLPPG
SAKRALPTST SSSPQQKKKP LDGEYFTLKI RGRERFEMFR ELNEALELKD
ARAA

P LSSSVPSQKT

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	13097807
NCBI GeneID	7157
NCBI Official Full Name	Tumor protein p53
NCBI Official Synonym Full Names	tumor protein p53
NCBI Official Symbol	TP53
NCBI Official Synonym Symbols	P53; BCC7; LFS1; TRP53
NCBI Protein Information	cellular tumor antigen p53
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	TP53
UniProt Synonym Gene Names	P53
UniProt Entry Name	P53_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/tp53-recombinant-protein-e-coli-sds-page-wb-western-blot-elisa-ip-immunoprecipitation-chip-chromatin-immunoprecipitation-amine-reactive-labeling/20978>