

Recombinant Human TP53 Protein, His-tagged

Cat. No. TP53-6496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TP53 protein(Asp7-Asp393), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp7-Asp393
Tag	N-His
Form	Liquid in sterile PBS, pH7.4, 10% Glycerol, 8% Trehalose.
Molecular Mass	The protein has a calculated MW of 45 kDa.
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.6 mg/ml.
Reconstitution	Centrifuge the vial at 4°C before opening to recover the entire contents.

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AA Sequence

MGSSHHHHHSSGLVPRGSHMDPSVEPPLSQETFSDLWKLLPENNVLSPLPSQAM
 DDLMLSPDDIEQWFTEDPGPDEAPRMPEAAPPVAPAAPAPAPAPSWPLSSS
 VPSQKTYQGSYGFRLGFLHSGTAKSVTCTYSPALNKMFCQLAKTCPVQLWVDSTPP
 PGTRVRAMAIYKQSQHMTEVRRCPHHERCSDSDGLAPPQHILIRVEGNLRVEYLDD
 RNTFRHSVVVPYEPPEVGS DCTTIHYNMCMNSSCMGGMNRRLPILTIITLEDSSGNLL
 GRNSFEVRVCACPRDRRTEENLRKKGEPHHELPPGSTKRALPNNTSSSPQPKK
 KPLDGEYFTLQIRGRERFEMFRELNEALELKDAQAGKEPGGSRAHSSHLKSKKGQS
 TSRHKKLMFKTEGPDS

GENE INFORMATION

Gene Name [TP53 tumor protein p53 \[Homo sapiens \]](#)

Official Symbol [TP53](#)

Synonyms TP53; tumor protein p53; cellular tumor antigen p53; LFS1; Li Fraumeni syndrome; p53; antigen NY-CO-13; mutant p53 protein; phosphoprotein p53; p53 tumor suppressor; truncated p53 protein; tumor suppressor TP53; transformation-related protein 53; P53; TRP53; FLJ92943;

Gene ID [7157](#)

mRNA Refseq [NM_000546](#)

Protein Refseq [NP_000537](#)

MIM [191170](#)

UniProt ID [P04637](#)

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SDS-PAGE



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