

# Recombinant Human TP53 protein(1-393aa(R175H)), His-tagged

Cat. No. TP53-4827H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TP53 protein(P04637)(1-393aa(R175H)), fused with C-terminal His tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-393aa(R175H)
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	49.3 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.

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**AA Sequence**

MEEPQSDPSVEPPLSQETFSDLWKLLPENNVLSPLPSQAMDDLMLSPDDIEQWFTE  
 DPGPDEAPRMPEAAPPVAPAPAAPTAAPAPAPSWPLSSSVPSQKTYQGSYGFRL  
 GFLHSGTAKSVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGRVVRAMAIYKQSQ  
 HMTEVVRHCPHHERCSDSDGLAPPQHILIRVEGNLRVEYLDDRNTFRHSVVVPEYPP  
 EVGSDCTTIHYNMCMSSCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPR  
 DRRTEENLRKKGEPHHELPPGSTKRALPNNTSSSPQPKKKPLDGEYFTLQIRGRE  
 RFEMFRELNEALELKDAQAGKEPGGSRAHSSHLKSKKGQSTSRHKKLMFKTEGPD  
 SD

**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](#)

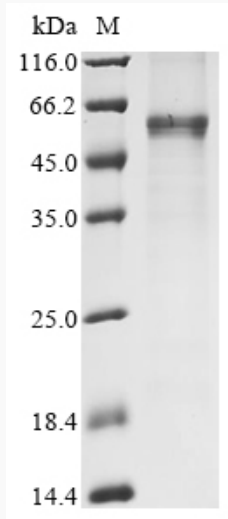
**UniProt ID** [P04637](#)

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**SDS-PAGE**



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