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Datasheet for ABIN7424497  
**p53 Protein (AA 1-393) (His tag)**

### Overview

Quantity:	100 µg
Target:	p53 (TP53)
Protein Characteristics:	AA 1-393
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This p53 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC)

### Product Details

Sequence:	Met1-Asp393
Characteristics:	Recombinant Tumor Protein p53 (P53), Prokaryotic expression, Met1-Asp393, N-terminal His Tag
Purity:	> 90 %

### Target Details

Target:	p53 (TP53)
Alternative Name:	Tumor Protein p53 ( <a href="#">TP53 Products</a> )
Background:	TP53, LFS1, TRP53, Li-Fraumeni Syndrome, Cellular tumor antigen p53, Antigen NY-CO-13, Phosphoprotein p53, Tumor suppressor p53

## Target Details

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Molecular Weight:	57kDa
UniProt:	<a href="#">P04637</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">MAPK Signaling</a> , <a href="#">PI3K-Akt Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">AMPK Signaling</a> , <a href="#">Chromatin Binding</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Hepatitis C</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Autophagy</a> , <a href="#">Warburg Effect</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:6.8
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months