

[Go to Product page](#)

Datasheet for ABIN7504911

**p53 Protein (AA 1-386) (His tag)**

## Overview

Quantity:	100 µg
Target:	p53 (TP53)
Protein Characteristics:	AA 1-386
Origin:	Cow
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This p53 protein is labelled with His tag.

## Product Details

Sequence:	Met1-Asp386
Characteristics:	A DNA sequence encoding the Bovine P53 protein (P67939-1) (Met1-Asp386) was expressed with a N-HIS.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	p53 (TP53)
Alternative Name:	P53 ( <a href="#">TP53 Products</a> )
Background:	<p>Background: Acts as a tumor suppressor in many tumor types, induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by control</p> <p>Synonym: Cellular tumor antigen p53, TP53, Tumor suppressor p53,</p>

### Target Details

Molecular Weight:	42.35 kDa
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

Restrictions:	For Research Use only
---------------	-----------------------

### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months