

# Recombinant human TP53AIP1 protein

Catalog Number: ATGP2278

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

1-124aa

### UniProt No.

Q9HCN2

### NCBI Accession No.

NP\_071395

### Alternative Names

P53-regulated apoptosis-inducing protein 1 isoform a, TPIP1, P53AIP1

## PRODUCT SPECIFICATION

---

### Molecular Weight

15kDa (144aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

---

### Description

TP53AIP1 is specifically expressed in the thymus, and a protein that is localized to the mitochondrion. The expression of this gene is inducible by p53, and it is thought to play an important role in mediating p53-dependent apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. Recombinant human TP53AIP1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSSEASFR SAQASCSGAR RQGLGRGDQN LSVMPNGRA QTHTPGWVSD

# Recombinant human TP53AIP1 protein

Catalog Number: ATGP2278

PLVLGAQVHG GCRGIEALSV SSGSWSSATV WILTGLGLGL SRPFLPGATV LRDRPLGSAF ELSYDQKKAP LRLQ

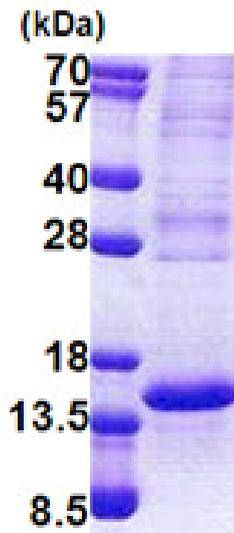
## General References

Oda K., et al. (2000). Cell 102:849-862

## DATA

---

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)