

Datasheet for ABIN7550486

**Tumor Protein p73 Protein (AA 1-636) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Tumor Protein p73 (TP73)
Protein Characteristics:	AA 1-636
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tumor Protein p73 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TP73 Protein expressed in mammalian cells.
Sequence:	MAQSTATSPD GGTTFEHLWS SLEPDSTYFD LPQSSRGNNE VGGTDSSMD VFHLEGMTTS VMAQFNLLSS TMDQMSSRAA SASPYTPEHA ASVPTHSPYA QPSSTFDTMS PAPVIPSNTD YPGPHHFEVT FQQSSTAKSA TWTYSPLLKK LYCQIAKTCP IQIKVSTPPP PGTAIRAMPV YKKAHVTDV VKRCPNHELG RDFNEGQSAP ASHLIRVEGN NLSQYVDDPV TGRQSVVVPY EPPQVGTEFT TILYNFMCNS SCVGGMNRRP ILIITLEMR DGQVLGRRSF EGRICACPGR DRKADEDHYR EQQALNESSA KNGAASKRAF KQSPPAVPAL GAGVKKRRRHG DEDTYYLQVR GRENFEILMK LKESLELMEL VPQPLVDSYR QQQLLQRPS HLQPPSYGPV LSPMNKVHGG MNKLPSVNQL VGQPPPHSSA ATPNLGPVGP GMLNNHGHAV PANGEMSSSH SAQSMVSGSH CTPPPPYHAD PSLVSFLTGL GCPNCIEYFT SQGLQSIYHL QNLTIEDLGA LKIQEQYRMT IWRGLQDLKQ GHDYSTAQQ LRRSNAATIS IGGSGELQRQ RVMEAVHFRV RHTITIPNRG GPGGGPDEWA DFGFDLPDCK ARKQPIKEEF TEAEIH <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</b>

## Product Details

---

**of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

## Target Details

---

Target: Tumor Protein p73 (TP73)

Alternative Name: TP73 ([TP73 Products](#))

Background: Tumor protein p73 (p53-like transcription factor) (p53-related protein),FUNCTION: Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 and transactivating p73 isoforms. May be a tumor suppressor protein. Is an activator of FOXJ1 expression (By similarity). It is an essential factor for the positive regulation of lung ciliated cell differentiation (PubMed:34077761). {ECO:0000250|UniProtKB:Q9JJP2, ECO:0000269|PubMed:10203277, ECO:0000269|PubMed:11753569, ECO:0000269|PubMed:18174154, ECO:0000269|PubMed:34077761}.

## Target Details

---

Molecular Weight:	69.6 kDa
UniProt:	<a href="#">O15350</a>
Pathways:	<a href="#">Regulation of Cell Size, Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

---

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months