

Datasheet for ABIN7544105
TP53INP2 Protein (AA 1-220) (His tag)



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Overview

Quantity:	1 mg
Target:	TP53INP2
Protein Characteristics:	AA 1-220
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TP53INP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat TP53INP2 Protein expressed in mammalien cells.
Sequence:	MFQRLSSLFF STPSPPEPD CPRAFVSEED EVDGWLII DL PDSYAAPPSP GAAPAPAGRP PPAPSLMDES WFVTPPACFT AEGPGLGPAR LQSSPLEDLL IEHPMSVYV TGSTIVLEPG SPSPLPDAAL PDGDLSEGEL TPARREPRAA RHAAPL PARA ALLEKAGQVR RLQRARQRAE RHSAKAVQ RQNRARESRP RRSKNQSSFI YQPCQRQFNY Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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, Western Blot

Grade: custom-made

Target Details

Target: TP53INP2

Alternative Name: TP53INP2 ([TP53INP2 Products](#))

Background: Tumor protein p53-inducible nuclear protein 2 (Diabetes and obesity-regulated gene) (p53-inducible protein U) (PIG-U),FUNCTION: Dual regulator of transcription and autophagy. Positively regulates autophagy and is required for autophagosome formation and processing. May act as a scaffold protein that recruits MAP1LC3A, GABARAP and GABARAPL2 and brings them to the autophagosome membrane by interacting with VMP1 where, in cooperation with the BECN1-PI3-kinase class III complex, they trigger autophagosome development. Acts as a transcriptional activator of THRA. {ECO:0000269|PubMed:18030323, ECO:0000269|PubMed:19056683, ECO:0000269|PubMed:22470510}.

Molecular Weight: 24.0 kDa

UniProt: [Q8IXH6](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

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