

[Go to Product page](#)

Datasheet for ABIN7564568

TP53BP2 Protein (AA 1-1128) (His tag)

Overview

Quantity:	1 mg
Target:	TP53BP2
Protein Characteristics:	AA 1-1128
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TP53BP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Tp53bp2 Protein expressed in mammalien cells.
Sequence:	MMPMFLTVYL SNSEQHFTEV PVTPETICRD VDLCKEPGE NDCHLAEVWC GSERPVADNE RMFDVLQRFQ SQRNEVRFFL RHERPPNRDI VSGPRSQDPS VKRNGVKVPG EHRRKENGVN SPRLDLTLAE LQEMASRQQQ QIEAQQQLA TKEQRLKFLK QQDQRQQQA AEQEKLRRLR EIAESQEAKL KKVRLKGVH EQKRLSNGKL VEEIEQMNSL FQKQRELVL AVSKVEELTR QLEMLKNGRI DGHHDNQS AV AELDRLYKEL QLRNKLNQE Q NAKLQQQREC LNKRNSEVAV MDKRVSELRD RLWKKKAALQ QKENLPVSPD GNLPQAVSA PSRVAAVGPY IQSSTMPRMP SRPELLVKPA LPDGSLMQS AEGPMKIQL PNMRS GAASQ SKGSKAHPAS PDWNPSNADL LPSQGSSVPQ SAGTALDQVD DGEI AVREKE KKV RPF SMFD TVDQCA APPS FGTLRKNQSS EDILRDAQAV NKNVAKVPPP VPTKPKQIHL PYFGQTAQSP SDMKPDGNAQ QLPAAATSVG AKLKPAGPQA RMLLSPGAPS GGQDQVLSA SKQESPPAAA VRPFTPQPSK DTFPPAFRKP QTVAASSIYS MYTQQQAPGK NFQQAVQSAL TKTQPRGPHF SSVYGKPVIA AAQNPQQHPE

Product Details

NIYSCSQGKP GSPEPETETV SSVHESHENE RIPRPLSPTK LLPFLSNPYR NQSDADLEAL
RKKLSNAPRP LKKRSSITEP EGPNGPNIQK LLYQRTTIAA METISVPSHP SKSPGSVTVN
PESSVEIPNP YLHVEPEKEV GSLVPEPLSP EDMGSASTEN SDVPAPSAGL EYVSEGVTDS
STNLQNNVEE TNPEAPHILLE VYLEEYPPYP PPPYPSGEPE VSEEDSARMR PPEITGQVSL
PPGKRTNLRK TGSERIAHGM RVKFNPLALL LDSSLEGEFD LVQRIIEVD DPSLPNDEGI
TALHNAVCAAG HTEIVKFLVQ FGVNVNAADS DGWTPLHCAA SCNNVQVCKF LVESGAAVFA
MTYSDMQTAA DKCEEMEEGY TQCSQFLYGV QEKMGIMNKG VIYALWDYEP QHDELLEMK
GDCMTVIRRE DEEEIEWWWA RLNDKEGYVP RNLLGLYPRI KPRQRSLA **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:

- 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, Western Blot

Grade:

custom-made

Target Details

Target:

TP53BP2

Alternative Name:

Tp53bp2 ([TP53BP2 Products](#))

Background:

Apoptosis-stimulating of p53 protein 2 (Tumor suppressor p53-binding protein 2) (53BP2) (p53-binding protein 2) (p53BP2),FUNCTION: Regulator that plays a central role in regulation of

Target Details

apoptosis and cell growth via its interactions with proteins such as TP53 (By similarity). Regulates p53/TP53 by enhancing the DNA binding and transactivation function of p53/TP53 on the promoters of proapoptotic genes in vivo. Inhibits the ability of APPBP1 to conjugate NEDD8 to CUL1, and thereby decreases APPBP1 ability to induce apoptosis. Impedes cell cycle progression at G2/M. Its apoptosis-stimulating activity is inhibited by its interaction with DDX42 (By similarity). {ECO:0000250, ECO:0000250|UniProtKB:Q13625}.

Molecular Weight: 125.3 kDa

UniProt: [Q8CG79](#)

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.

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