

Datasheet for ABIN7564305
TOPORS Protein (AA 1-1033) (His tag)



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Overview

Quantity:	1 mg
Target:	TOPORS
Protein Characteristics:	AA 1-1033
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOPORS protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Topors Protein expressed in mammalien cells.
Sequence:	MGSQPPPPGS PLSREEGEAP PLVPAEEGR RSRRLVRLRGS CRHRPSLLSR RELASNGPAV PATASSEIMA SAAKEFKMDN FSPKAGTSKL QQTPADASP DSKCPICLDR FDNVSYLDRC LHKFCFRVQ EWSKNKAACP LCKQPFDSIF HSVRAEDDFK EYVLRPSYNG SFTNPEVRRF RYRTTMTRE R SASLYSPSST VSRRTTTPPD SGVLFEGGLI STRPRVDIP QFMRQMALRG PTTDDERSLR KIQEQDIINF RRTLYRAGVR VRSIEDGGRY RDISAEFFRR NPACLHRLVP WLKRELTVLF GAHGSLVNIV QHIIMSNVTR YDLESQAFVS DLRPFLLNRT EHFHIFISF ARSPFNMAAF DQHANYDCPP SSEEGSRSDS SVITISPDEA ETQELDMNAS TVRQAPWDDE TPGPSYSSSE QVHVGVSLL NSSDSSDEEL VSGGTTTQIQ GVQTNDDVNN DSDSSSDNCV IVGFVKPLAE RTPLEVELSS DSEELGPYEK VETVKTQEQE QSYSSGSDSV SRASSPRSVL GKDEQMSKSH CSDTRISSK KEEKRSTSLP APRDSSSTRG DRVCSPYNHR HRKGGRSRSS DSRSQSRSGH DPRNHRKHGK KRLRNKRSRS RESSSRPRAR KDKKRSRTRD SSWSRRSQTL

Product Details

SLSSGSTSRS RSRSSDHGKR RSRSRNRDRY YLRNNYGSKY KWEYTYYSRN KDRDGYESSY
RRRTLRAHY SRQSSSPEFR IQSFERTNA RKKNHSEKRY YYYERRRSRS VSSNRSRTTS
AGPDRVRNEK PGGKRKYKTR HLEGTSEEAQ PAREFTSKGK DSHYQKSKLD GSYKNESDSF
SDSRSSDRET KHKRRRRRTR SLSVEIVYEG KATDTSKHHK KKKKKHKKKH KKHGDNTR
SPVVITIDSD SDGESEVKAG IECSNGSLPQ PIQDGAFETK DVVTIEDELG VLDKDCDVTA
LADDLSTSQT VENCDSPAVP VEQTLDVREE STFASDLESQ SSNVSQAEP SRPVSPRST
LSSVSPGRDC DVS **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:

TOPORS

Alternative Name:

Topors ([TOPORS Products](#))

Background:

E3 ubiquitin-protein ligase Topors (EC 2.3.2.27) (RING-type E3 ubiquitin transferase Topors) (SUMO1-protein E3 ligase Topors) (Topoisomerase I-binding RING finger protein) (Topoisomerase I-binding arginine/serine-rich protein) (Tumor suppressor p53-binding protein 3) (p53-binding protein 3) (p53BP3),FUNCTION: Functions as an E3 ubiquitin-protein ligase and

Target Details

as a E3 SUMO1-protein ligase. Probable tumor suppressor involved in cell growth, cell proliferation and apoptosis that regulates p53/TP53 stability through ubiquitin-dependent degradation. May regulate chromatin modification through sumoylation of several chromatin modification-associated proteins. May be involved in DNA-damage-induced cell death through IKBKE sumoylation. {ECO:0000269|PubMed:15703819, ECO:0000269|PubMed:15735665}.

Molecular Weight: 117.1 kDa

UniProt: [Q80Z37](#)

Pathways: [Maintenance of Protein Location](#)

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