

Datasheet for ABIN7563672
URI1 Protein (AA 1-531) (His tag)



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Overview

Quantity:	1 mg
Target:	URI1
Protein Characteristics:	AA 1-531
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This URI1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Uri1 Protein expressed in mammalian cells.
Sequence:	MEPPSEPEPE PQPLAEASAA APLRAPEVAR LREEQEKVVT NCQEKIQHWE KVDNDYSALQ ERLRTLDPKL SYDVMVPFGP LAFMPGKLVH TNEVTVLLGD NWFACSAKQ AVGLVEHRKE HVRKTIDDFK KVLKNFESRV EFTEDLQKMS DAAGDFVDIR EEIKSDFEFK GKQRIAHKPH SKPKTSDIFE ADFENGVKPK NTFDADELWA RLEELERQEE LLGELESKPD TVIANGEDRV SSEEEKEGAD TGVNVVSPVT DSSAASSCKR RAGNAGLPNG QVNSLNYSVN GSNSYHSNKD DDEEEEDDDD DDEDEDDNES DHAISADNSI PTIYFSHTVE PKRVRINTGK NNTLKFSEKK EEAKRKRKSG AGSHATHELP AIKSPADIYR VFVDVNGEY VPRKSILKSR SRENSVCSDT SESSAADVED RRGLLRSTSS EAVATEAGG SSLDELQENH PKKPLPSGVS EAFSGTVIEK EFLSPSLAPY SAIAHHALPT IPERKEVPSE VSEPTKRVS KFRAARLQQR S 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.

Product Details

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: URI1

Alternative Name: Uri1 ([URI1 Products](#))

Background: Unconventional prefoldin RPB5 interactor (Protein NNX3) (Protein phosphatase 1 regulatory subunit 19) (RNA polymerase II subunit 5-mediating protein) (RPB5-mediating protein),FUNCTION: Involved in gene transcription regulation. Acts as a transcriptional repressor in concert with the corepressor UXT to regulate androgen receptor (AR) transcription. May act as a tumor suppressor to repress AR-mediated gene transcription and to inhibit anchorage-independent growth in prostate cancer cells. Required for cell survival in ovarian cancer cells. Together with UXT, associates with chromatin to the NKX3-1 promoter region (By similarity). {ECO:0000250}., FUNCTION: Plays a central role in maintaining S6K1 signaling and BAD phosphorylation under normal growth conditions thereby protecting cells from potential deleterious effects of sustained S6K1 signaling. The URI1-PPP1CC complex acts as a central component of a negative feedback mechanism that counteracts excessive S6K1 survival

Target Details

signaling to BAD in response to growth factors. Mediates inhibition of PPP1CC phosphatase activity in mitochondria. Coordinates the regulation of nutrient-sensitive gene expression availability in a mTOR-dependent manner. Seems to be a scaffolding protein able to assemble a prefoldin-like complex that contains PFDs and proteins with roles in transcription and ubiquitination (By similarity). {ECO:0000250}.

Molecular Weight: 59.1 kDa

UniProt: [Q3TLD5](#)

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