

Datasheet for ABIN7555969

UXT Protein (AA 1-157) (His tag)



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Overview

Quantity:	1 mg
Target:	UXT
Protein Characteristics:	AA 1-157
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UXT protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat UXT Protein expressed in mammalian cells.
Sequence:	<p>MATPPKRRRAV EATGEKVLRY ETFISDVLQR DLRKVLDRD KVVYQLAKYL QLRNVIERLQ</p> <p>EAKHSELYMQ VDLGCNFFVD TVPDTSRIV VALGYGFFLE LTLAEALKFI DRKSSLLTEL</p> <p>SNSLTKDSMN IKAHIHMLLE GLRELQGLQN FPEKPHH 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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • 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.

Product Details

- 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:	UXT
Alternative Name:	UXT (UXT Products)
Background:	<p>Protein UXT (Androgen receptor trapped clone 27 protein) (ART-27) (Ubiquitously expressed transcript protein),FUNCTION: Involved in gene transcription regulation (PubMed:28106301, PubMed:21730289). Acts in concert with the corepressor URI1 to regulate androgen receptor AR-mediated transcription (PubMed:11854421, PubMed:21730289). Together with URI1, associates with chromatin to the NKX3-1 promoter region (PubMed:21730289). Negatively regulates the transcriptional activity of the estrogen receptor ESR1 by inducing its translocation into the cytoplasm (PubMed:28106301). May act as nuclear chaperone that facilitates the formation of the NF-kappa-B enhanceosome and thus positively regulates NF-kappa-B transcription activity (PubMed:17620405, PubMed:21307340). Potential component of mitochondrial-associated LRPPRC, a multidomain organizer that potentially integrates mitochondria and the microtubular cytoskeleton with chromosome remodeling (PubMed:17554592). Increasing concentrations of UXT contributes to progressive aggregation of mitochondria and cell death potentially through its association with LRPPRC (PubMed:17554592). Suppresses cell transformation and it might mediate this function by interaction and inhibition of the biological activity of cell proliferation and survival stimulatory factors like MECOM (PubMed:17635584). {ECO:0000269 PubMed:11827465, ECO:0000269 PubMed:11854421, ECO:0000269 PubMed:16221885,</p>

Target Details

ECO:0000269|PubMed:17554592, ECO:0000269|PubMed:17620405,
ECO:0000269|PubMed:17635584, ECO:0000269|PubMed:21307340,
ECO:0000269|PubMed:21730289, ECO:0000269|PubMed:28106301}, FUNCTION: [Isoform 1]:
Plays a role in protecting cells against TNF-alpha-induced apoptosis by preventing the
recruitment of FADD and caspase 8 to the apoptotic complex I, composed of TRADD, TRAF2
and RIPK1/RIP. {ECO:0000269|PubMed:21307340}.

Molecular Weight: 18.2 kDa

UniProt: [Q9UBK9](#)

Pathways: [Unfolded Protein Response](#)

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