

Datasheet for ABIN7544969  
**UNCX Protein (AA 1-531) (His tag)**



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## Overview

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

## Product Details

Purpose:	Custom-made recombinant UNCX Protein expressed in mammalian cells.
Sequence:	<p>MMDGRLLLEHP HAQFGGSLGG VVGFPYPLGH HHVYELAGHQ LQSAAAAASV PFSIDGLLGG SCAAAASVFN PTPLLPACG VGGDGQPFKL SDSDGDPDKES PGCKRRRTRT NFTGWQLEEL EKAFNESHYP DVFMREALAL RLDLVESRVQ VWFQNRRAKW RKKENTKKGP GRPAHNSHPT TCSGEPMDPE EIARKELEKM EKKKRKHEKK LLKSQGRHLH SPGGLSLHSA PSSDSDSGGG GLSPEPPEPP PPAKGPAGAH ASGAAGTAPA PPGEPAPGT CDPAFYPSQR SGAGPQPRPG RPADKDAASC GPAAVAAVE RGAAGLPKAS PFSVESLLSD SPPRRKAASN AAAAAAAGLD FAPGLPCAPR TLIGKGHFL YPITQPLGFL VPQAALKGGA GLEPAPKDAP PAVAVPPAPP AQASFGAFSG PGGAPDSAFA RRSPDAVASP GAPAPAPAPF RDLASAAATE GGGGDCADAG TAGPAPPPPA PPRPGPRPP SPAEPPATCG VPEPGAAAGP SPPEGEELDM D <b>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.</b></p>

## Product Details

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** UNCX

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**Alternative Name:** [UNCX \(UNCX Products\)](#)

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**Background:** Homeobox protein unc-4 homolog (Homeobox protein Uncx4.1),FUNCTION: Transcription factor involved in somitogenesis and neurogenesis. Required for the maintenance and differentiation of particular elements of the axial skeleton. May act upstream of PAX9. Plays a role in controlling the development of connections of hypothalamic neurons to pituitary elements, allowing central neurons to reach the peripheral blood circulation and to deliver hormones for control of peripheral functions (By similarity). {ECO:0000250}.

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**Molecular Weight:** 53.7 kDa

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**UniProt:** [A6NJT0](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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