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Datasheet for ABIN7561404

**NK2 Homeobox 4 Protein (NKX2-4) (AA 1-354) (His tag)**

## Overview

Quantity:	1 mg
Target:	NK2 Homeobox 4 (NKX2-4)
Protein Characteristics:	AA 1-354
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NK2 Homeobox 4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Nkx2-4 Protein expressed in mammalian cells.
Sequence:	<p>MSLSPKHTTP FSVSDILSPI EETYKKFGGV MDGAPPGLGA PLGAAAYRAP PSGPSSQAAA VAAGMQPPHA MAGHNAAAAA AAAAAAAAAA ATYHMPPGVS QFPHSAMGSY CNGGLGNMGE LPAYTDGMRG GAAAAATGWY GANTDPRYSS ISRFMGPSAG VNVAGMGS LT GIADAAKSLA PLHAAAPRRK RRVLFSAQV YELERRFKQQ KYLSAPEREH LASMIHLTPT QVKIWFQNHR YKMKRQAKDK AAQLLQEGG LGPPPPPPPP SPRRVAVPVL VKDGKPCQNG AGTPTPGQGG QQPQAPTAP ELEELSPSP ALHGPGGGLA ALDAATGDYG GVLGANLLY GRTW <b>Sequence</b> <b>without tag. The proposed Purification-Tag is based on experiences with the expression</b> <b>system, a different complexity of the protein could make another tag necessary. In case you</b> <b>have a special request, please contact us.</b></p>
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:

## Product Details

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- 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)
Grade:	custom-made

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## Target Details

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Target:	NK2 Homeobox 4 (NKX2-4)
Alternative Name:	Nkx2-4 ( <a href="#">NKX2-4 Products</a> )
Background:	Homeobox protein Nkx-2.4 (Homeobox protein NK-2 homolog D),FUNCTION: Probable transcription factor.
Molecular Weight:	36.2 kDa
UniProt:	<a href="#">Q9EQM3</a>

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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.
Restrictions:	For Research Use only

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## Handling

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Format:	Liquid
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## Handling

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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