

Datasheet for ABIN7556785

NK2 Homeobox 3 Protein (NKX2-3) (AA 1-362) (His tag)



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Overview

Quantity:	1 mg
Target:	NK2 Homeobox 3 (NKX2-3)
Protein Characteristics:	AA 1-362
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NK2 Homeobox 3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Nkx2-3 Protein expressed in mammalian cells.
Sequence:	<p>MMLPSPVTST PFSVKDILNL EQQRHFHGAH LQAELEQHFH SAPCMLATAE GTQFSDAGEE DEEEEGEKLS YLNSLAAAEG HGDSGLCPQS YVHTVLRDAC SGPKEQEEVV VSERSQKSCQ LKKSLAAAGD CKTSEDGERP KPRSRRKPRV LFSQAQVFEL ERRFKQQRYL SAPEREHLAS SLKLTSTQVK IWFQNRRYKC KRQRQDKSLE LGTHAPPPPP RRVAVPVLVR DGKPCVTPSA QTYGSPYGVG AGAYSNSFP AYGYGNSAAA AAAAAAAAAA AAAYSGSYGC AYPTGGGGGG GGTASAATTA MQPACSATGG GSFVNVSNLG GFGSGGGAQP LHQGAAAGSA CTQGTLLQIR AW</p> <p>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:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	NK2 Homeobox 3 (NKX2-3)
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Alternative Name:	Nkx2-3 (NKX2-3 Products)
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Background:	Homeobox protein Nkx-2.3 (Homeobox protein NK-2 homolog 3) (Homeobox protein NK-2 homolog C) (Nkx2-C),FUNCTION: Transcriptional regulator essential for normal development and functions of the small intestine and spleen. Activates directly MADCAM1 expression. Required for homing of lymphocytes in spleen and mucosa-associated lymphoid tissue. May have a role during pharyngeal organogenesis. {ECO:0000269 PubMed:10790368}.
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Molecular Weight:	38.1 kDa
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UniProt:	P97334
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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.
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Restrictions:	For Research Use only
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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