

Datasheet for ABIN7556820
NKX3-2 Protein (AA 1-333) (His tag)



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Overview

Quantity:	1 mg
Target:	NKX3-2
Protein Characteristics:	AA 1-333
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NKX3-2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Nkx3-2 Protein expressed in mammalien cells.
Sequence:	MAVRGSGTLT PFSIQAILNK KEERGGLATP EGRPAPGGTE VAVTAAPAVC CWRIFGETEA GALGGAEDSL LASPARTRTA VGQSAESPGG WSDSDSALSEE NEGRRRCADV PGASGTGRAR VTLGLDQPGC ELHAAKDLEE EAPVRSDSEM SASVSGDHSP RGEDDSVSPG GARVPGLRGA AGSGASGGQA GGVEEEEEPA APKPRKKRSR AAFSHAQVFE LERRFNHQRY LSGPERADLA ASLKLTTETQV KIWQNRRYK TKRRQMAADL LASAPAAKKV AVKVLVRDDQ RQYLPGEVLR PPSLLPLQPS YYYPYCLPG WALSTCAAAA GTQ 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.
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:	NKX3-2
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Alternative Name:	Nkx3-2 (NKX3-2 Products)
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Background:	Homeobox protein Nkx-3.2 (Bagpipe homeobox protein homolog 1) (Homeobox protein NK-3 homolog B),FUNCTION: Transcriptional repressor that acts as a negative regulator of chondrocyte maturation. PLays a role in distal stomach development, required for proper antral-pyloric morphogenesis and development of antral-type epithelium. In concert with GSC, defines the structural components of the middle ear, required for tympanic ring and gonium development and in the regulation of the width of the malleus. {ECO:0000269 PubMed:14973294, ECO:0000269 PubMed:16421188, ECO:0000269 PubMed:19208343}.
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Molecular Weight:	35.2 kDa
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UniProt:	P97503
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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
