

Datasheet for ABIN7559959
NOBOX Protein (AA 1-527) (His tag)



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Overview

Quantity:	1 mg
Target:	NOBOX
Protein Characteristics:	AA 1-527
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOBOX protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Nobox Protein expressed in mammalian cells.
Sequence:	<p>MEPTEKLCKK MQGQEAGDKP RTAALETEGP LQDSALPIQD DQDKQSSLPR ASLGKRPLSK TSEELMDAGT CRVHKAPTAA ACGPQSEEEG CSPPERKAES LKPSISAVPG QATAGSLNSH EGDLKKELE VTCQFRKTR TLYRSDQLEE LERIFQEDHY PDSDKRHEIS QMVGVTQRI MWWFQNRRAK WRKVEKLNEK ETKNGPAAPS ADSSQHRSAPELLDPMPTDL EPGVPVPPENI LDVFPEPPML LTSEQLTPF QNNEGAERVA VTPPLLSPPP IRRANLPLPL GPVQTPQVLP PMRDVPGSDS IYKDKAYVSW GTSIASPPTY SNLEDLGSQD YQASSQLGSF QLSQAPHLPL FPSLQSQFPY LPPFPYPIPS SMPFLPPEDS LFSFPFGFSG DSSQDYCPGP PPGQILLQPP AENMGTGPWS GHCLPEPPFP RPHYPQALGQ PLGAEGYFPN LLTPYALTM SKQSSLGLNG LLEGTRVETG SLSKMSDEQ TSSSLEQPAL EEVDRKNKNS HAAGAKE Sequence without tag.</p> <p>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>

Product Details

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:**

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: NOBOX

Alternative Name: Nobox ([NOBOX Products](#))

Background: Homeobox protein NOBOX (Homeodomain-containing protein OG-2) (Newborn ovary homeobox protein) (Oocyte-specific homeobox protein),FUNCTION: Transcription factor which plays an essential role in postnatal follicle development. Binds preferentially to the DNA sequences 5'-TAATTG-3', 5'-TAGTTG-3' and 5'-TAATTA-3'. Directly regulates the transcription of POU5F1 and GDF9 during early folliculogenesis. {ECO:0000269|PubMed:15326356, ECO:0000269|PubMed:16997917}.

Molecular Weight: 57.6 kDa

UniProt: [Q8VIH1](#)

Application Details

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

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
