

Datasheet for ABIN7562640
FOXH1 Protein (AA 1-401) (His tag)



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Overview

Quantity:	1 mg
Target:	FOXH1
Protein Characteristics:	AA 1-401
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXH1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Foxh1 Protein expressed in mammalian cells.
Sequence:	MASGWDLAST YTPPTPSPQL ALAPAQGYLP CMGPRDNSQL RPPEAESLSK TPKRRKKRYL RHDKPPYTYL AMIALVIQAA PFRRLKLAQI IRQVQAVFPF FRDDYEGWKD SIRHNLSSNR CFHKVPKDPA KPQAKGNFWA VDVSLIPAEA LRLQNTALCR RWQNRGTHRA FAKDLSPYVL HGQPYQPPSP PPPPREGFSI KSLGDPGKE STWPQHPGLP GQSTAAQAGT LSKGEEGMGT GPSSSSETPL WPLCSLPGPT IIEGESSQGE VIRPSPVTPD QGSWPLHLLD DSADSRGVPR RGSRASLWGQ LPTSYLPIYT PNVVMPLATL PTTSCPQCPS SASPAYWSVG TESQGSQDLL CDLDSLFQGV PPNKSIYDVW VSHPRDLAAP APGWLLSWYS M 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.
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.

Product Details

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:

FOXH1

Alternative Name:

Foxh1 ([FOXH1 Products](#))

Background:

Forkhead box protein H1 (Forkhead activin signal transducer 1) (Fast-1) (Forkhead activin signal transducer 2) (Fast-2),FUNCTION: Transcriptional activator. Recognizes and binds to the DNA sequence 5'-TGT[GT][GT]ATT-3'. Required for induction of the gooseoid (GSC) promoter by TGF-beta or activin signaling. Forms a transcriptionally active complex containing FOXH1/SMAD2/SMAD4 on a site on the GSC promoter called TARE (TGF-beta/activin response element). {ECO:0000269|PubMed:10349617, ECO:0000269|PubMed:9702197, ECO:0000269|PubMed:9858566, ECO:0000269|Ref.4}.

Molecular Weight:

44.0 kDa

UniProt:

[O08621](#)

Pathways:

[Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

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