

Datasheet for ABIN7547829

## FOXI1 Protein (AA 1-378) (His tag)



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### Overview

Quantity:	1 mg
Target:	FOXI1
Protein Characteristics:	AA 1-378
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXI1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat FOXI1 Protein expressed in mammalian cells.
Sequence:	<p>MSSFDPAPS PPRCSPQFPS IGQEPPEMNL YYENFFHPQG VPSPQRPSFE GGGEYGATPN  PYLWFNGPTM TPPPYPGP N ASPFLPQAYG VQRPLLPSVS GLGGSDLGWL PIPSQEELMK  LVRPPYSYSA LIAMAIHGAP DKRLTSLQIY QYVADNFPFY NKSAGWQNS IRHNLSLNDC  FKKVPRDEDD PGKGNWYTLT PNCEKMF DNG NFRKRKRKS DVSSSTASLA LEKTESSLPV  DSPKTTEPQD ILDGASPGGT TSSPEKRPSP PPSGAPCLNS FLSSMTAYVS GGSPTSHPLV  TPGLSPEPSD KTGQNSLT FN SFSPLTNLSN HSGGGDWANP MPTNMLSYGG SVLSQFSPHF  YNSVNTSGVL YPREGTEV <b>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.</b></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

Grade: custom-made

## Target Details

Target: FOXI1

Alternative Name: FOXI1 ([FOXI1 Products](#))

Background: Forkhead box protein I1 (Forkhead-related protein FKHL10) (Forkhead-related transcription factor 6) (FREAC-6) (Hepatocyte nuclear factor 3 forkhead homolog 3) (HFH-3) (HNF-3/forkhead homolog 3),FUNCTION: Transcriptional activator required for the development of normal hearing, sense of balance and kidney function. Required for the expression of SLC26A4/PDS, JAG1 and COCH in a subset of epithelial cells and the development of the endolymphatic system in the inner ear. Also required for the expression of SLC4A1/AE1, SLC4A9/AE4, ATP6V1B1 and the differentiation of intercalated cells in the epithelium of distal renal tubules (By similarity). {ECO:0000250}.

Molecular Weight: 41.0 kDa

UniProt: [Q12951](#)

## Application Details

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

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