

Datasheet for ABIN7560224
FOXI1 Protein (AA 1-372) (His tag)



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Overview

Quantity:	1 mg
Target:	FOXI1
Protein Characteristics:	AA 1-372
Origin:	Mouse
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 mammalien cells.
Sequence:	MSSFDLPAPS PPRCSPQFPS IGQEPPEMNL YYENFFHPQG MPSPQRPTSF EGGGEYGTTP NPYLWLNPGA MTPPPYP LPT NASPFLPQAY GMQRQLPSD LGWLPIPSQE ELMKLV RPPY SYSALIAMA I HGAPDQRLTL SQIYQYVADN PPFYNKSKAG WQNSIRHNLS LNDCFK K VPR DEDDPGK GNY WTLDPNCEKM FDNGNFRRKR KRKSDSSSST SSLASEKTEN GLLASSPKPT EPQEVLDTAS P D T T T S S P E K R S S P A P S G T P C L N N F L S T M T A Y V S G T N P I S R S V A T P G L S S E P I D K M G Q N S L N F N S Y T P L T N L S S H G N G G E W A N P V A T N A L G Y G G S V F N Q F S P H F Y N S I N T N G I L F P R E G T E V 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:	FOXI1
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Alternative Name:	Foxi1 (FOXI1 Products)
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Background:	Forkhead box protein I1,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. {ECO:0000269 PubMed:12642503, ECO:0000269 PubMed:15173882}.
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Molecular Weight:	40.8 kDa
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UniProt:	Q92215
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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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Application Details

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