Datasheet for ABIN7561772

FOXE3 Protein (AA 1-288) (His tag)

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Overview

Quantity:	1 mg
Target:	FOXE3
Protein Characteristics:	AA 1-288
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXE3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Foxe3 Protein expressed in mammalien cells.
Sequence:	MDAQVAFSGF PALPSLTPSG PQLPTLAGAE PGREPEEVVG GGDAEPTAVP GPGKRRRRPL QRGKPPYSYI ALIAMALAHA PGRRLTLAAI YRFITERFAF YRDSPRKWQN SIRHNLTLND CFVKVPREPG NPGKGNYWTL DPAAADMFDN GSFLRRRKRF KRAELPAPPP PPPPFPYAPF PPPPAPASAP PARLFRLDSL LGLQPEPPGP VAPEPPCCAA PDAAFPPCAA AASPPLYSPA SERLGLPAPL PAQPLLALAG SAGALGPLGA GEAYLRQPGF APGLERYL **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: • Made to order protein - from design to production - by highly experienced protein experts.

Product Details

	• Protein expressed in mammalien 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:	FOXE3
Alternative Name:	Foxe3 (FOXE3 Products)
Background:	Forkhead box protein E3,FUNCTION: Transcription factor that controls lens epithelial cell growth through regulation of proliferation, apoptosis and cell cycle (PubMed:10652278, PubMed:10890982). During lens development, controls the ratio of the lens fiber cells to the cells of the anterior lens epithelium by regulating the rate of proliferation and differentiation (PubMed:16199865). Controls lens vesicle closure and subsequent separation of the lens vesicle from ectoderm (PubMed:10652278). Is required for morphogenesis and differentiation of the anterior segment of the eye (PubMed:17064680). Controls the expression of DNAJB1 in a pathway that is crucial for the development of the anterior segment of the eye (By similarity). {ECO:0000250|UniProtKB:Q13461, ECO:0000269|PubMed:10652278, ECO:0000269|PubMed:10890982, ECO:0000269|PubMed:16199865, ECO:0000269|PubMed:17064680}.
Molecular Weight:	30.5 kDa
UniProt:	Q9QY14

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.
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

