Datasheet for ABIN7557697
FOXD1 Protein (AA 1-456) (His tag)

Overview

Quantity:	1 mg
Target:	FOXD1
Protein Characteristics:	AA 1-456
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXD1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Foxd1 Protein expressed in mammalien cells.
Sequence:	MTLSTEMSDA SGLAEETDID VVGEGEDDEE EEDDDDEGGG GRGGGGSRLP SSAQRRRRSY AGEDDLEDLE EEDDDDLLLA SRPAASPAPP GPAPAPGTGS GGCSGAGAGG GAGGGTGAGT GGGAKNPLVK PPYSYIALIT MAILQSPKKR LTLSEICEFI SSRFPYYREK FPAWQNSIRH NLSLNDCFVK IPREPGNPGK GNYWTLDPES ADMFDNGSFL RRRKRFKRQP LLAPHAAAEA LLLRGAGPAA GAGDPGAALF PPPPPPPACG YGAYGCAYGL QLPPCAPPSA LFAAAAAAAA AAFHPHSPPP PPPPPPPPPG AAAELARTAF GYRSHALAAA LPGPLQAAAV KAGGPGAAAL ARSPFSIESL IGRTRGPAAA GAHVSSGAAS GTAPGPGGGG CAVQAAAGPA VALTRSLVVA AAAAASSVSS SAALGTLHQG TALSSVENFT ARISNC **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.**

Product Details

Characteristics:	Key Benefits:
	• Made to order protein - from design to production - by highly experienced protein experts. • 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:	FOXD1
Alternative Name:	Foxd1 (FOXD1 Products)
Background:	Forkhead box protein D1 (Brain factor 2) (BF-2) (Forkhead-related protein FKHL8) (Forkhead-related transcription factor 4) (FREAC-4) (HFH-BF-2),FUNCTION: Transcription factor involved in regulation of gene expression in a variety of processes including formation of positional identity in the developing retina, regionalization of the optic chiasm, morphogenesis of the kidney, and neuralization of ectodermal cells (PubMed:15509772, PubMed:15634693, PubMed:9811586). Involved in transcriptional activation of PGF and C3 genes (By similarity). {ECO:0000250|UniProtKB:Q16676, ECO:0000269|PubMed:15509772, ECO:0000269|PubMed:15634693, ECO:0000269|PubMed:9811586}.
Molecular Weight:	45.4 kDa
UniProt:	Q61345

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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.
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