

Datasheet for ABIN7553925
FOXA3 Protein (AA 1-350) (His tag)



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Overview

Quantity:	1 mg
Target:	FOXA3
Protein Characteristics:	AA 1-350
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXA3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FOXA3 Protein expressed in mammalian cells.
Sequence:	<p>MLGSVKMEAH DLAEWSYYPE AGEVYSPVTP VPTMAPLNSY MTLNPLSSPY PPGGLPASPL PSGPLAPPAP AAPLGPTFPG LGVSGGSSSS GYGAPGGLV HGKEMPKGYR RPLAHAKPPY SYISLITMAI QQAPGKMLTL SEIQWIMDL FPYYRENQQR WQNSIRHSLS FNDCFVKVAR SPDKPGKGSY WALHPSSGNM FENGCYLRRQ KRFKLEEKVK KGGSGAATTT RNGTGSAAST TTPAATVTSP PQPPPPAPEP EAQGGEDVGA LDCGSPASST PYFTGLELPG ELKLDAPYNF NHPFSINNLM SEQTPAPPKL DVGFGGYGAE GGEPGVYYQG LYSRSLNAS 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.</p>
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.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	FOXA3
Alternative Name:	FOXA3 (FOXA3 Products)
Background:	<p>Hepatocyte nuclear factor 3-gamma (HNF-3-gamma) (HNF-3G) (Fork head-related protein FKH H3) (Forkhead box protein A3) (Transcription factor 3G) (TCF-3G),FUNCTION: Transcription factor that is thought to act as a 'pioneer' factor opening the compacted chromatin for other proteins through interactions with nucleosomal core histones and thereby replacing linker histones at target enhancer and/or promoter sites (By similarity). Originally described as a transcription activator for a number of liver genes such as AFP, albumin, tyrosine aminotransferase, PEPCK, etc. Interacts with the cis-acting regulatory regions of these genes. Involved in glucose homeostasis, binds to and activates transcription from the G6PC1 promoter. Binds to the CYP3A4 promoter and activates its transcription in cooperation with CEBPA. Binds to the CYP3A7 promoter together with members of the CTF/NF-I family. Involved in regulation of neuronal-specific transcription. May be involved in regulation of spermatogenesis. {ECO:0000250, ECO:0000269 PubMed:12695546}.</p>
Molecular Weight:	37.1 kDa
UniProt:	P55318

Target Details

Pathways: [Carbohydrate Homeostasis](#)

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