

Datasheet for ABIN7563181
FOXA3 Protein (AA 1-353) (His tag)



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Overview

Quantity:	1 mg
Target:	FOXA3
Protein Characteristics:	AA 1-353
Origin:	Mouse
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 AGEVYSPVNP VPTMAPLNSY MTLNPLSSPY PPGGLQASPL PTGPLAPPAP TAPLGPTFPS LGTGGSTGGS ASGYVAPGPG LVHGKEMAKG YRRPLAHAKP PYSYISLITM AIQQAPGKML TLSEIQWIM DLFPYYRENQ QRWQNSIRHS LSFNDCFBKV ARSPDKPGKG SYWALHPSSG NMFENGCYLR RQKRFKLEEK AKKGNSATSA SRNGTAGSAT SATTTAATAV TSPAQPQPTP SEPEAQSGDD VGGLDCASPP SSTPYFSGLE LPGELKLDAP YNFNHPFSIN NLMSEQTSTP SKLDVGFGGY GAESGEPGVY YQSLYSRLL NAS 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) (Forkhead box protein A3),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, activates GLUT2 transcription. Involved in regulation of neuronal-specific transcription. Involved in regulation of spermatogenesis, required for the maintenance of the testicular germ cell population and male fertility. {ECO:0000250, ECO:0000269 PubMed:11546810, ECO:0000269 PubMed:17488644, ECO:0000269 PubMed:9632808}.</p>
Molecular Weight:	37.6 kDa
UniProt:	P35584

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