Datasheet for ABIN7584379

# FOXA2 Protein (AA 1-458) (His tag)

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## Overview

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| Quantity: | 100 µg |
| Target: | FOXA2 |
| Protein Characteristics: | AA 1-458 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This FOXA2 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MLGAVKMEGH EPSDWSSYYA EPEGYSSVSN MNASLGMNGM NTYMSMSAAA MGSGSGNMSA GSMNMSSYVG AGMSPSLAGM SPGAGAMAGM SGSAGAAGVA GMGPHLSPSL SPLGGQAAGA MGGLAPYANM NSMSPMYGQA GLSRARDPKT YRRSYTHAKP PYSYISLITM AIQQSPNKML TLSEIYQWIM DLFPFYRQNQ QRWQNSIRHS LSFNDFLKVP RAPDKPGKGS FWTLHPDSGN MFENGCYLRR QKRFKCENEL ALKEAAGAGS GGGKKTAPGT QASQVQLGEA AGSASETPAG TESPHSSASP CQEHKRGGLS ELKGTPASAL SPPEPAPSPG QQQQAAAHLL GPPHHPGLPP EAHLKPEHHY AFNHPFSINN LMSSEQQHHH SHHHHQPHKM DLKTYEQVMH YPGGYGSPMP GSLAMGPVTN KAGLDASPLA ADTSYYQGVY SRPIMNSS |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. |

## Product Details

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| Purity: | > 90 % |

## Target Details

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| Target: | FOXA2 |
| Alternative Name: | Hepatocyte nuclear factor 3-beta (Foxa2) (FOXA2 Products) |
| Background: | Recommended name: Hepatocyte nuclear factor 3-beta.<br>Short name= HNF-3-beta.<br>Short name= HNF-3B.<br>Alternative name(s): Forkhead box protein A2 |
| UniProt: | P32182 |
| Pathways: | Dopaminergic Neurogenesis, Regulation of Carbohydrate Metabolic Process |

## Application Details

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| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |

## Handling

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| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |