Datasheet for ABIN1624000

# SOX10 Protein (AA 1-446) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | SOX10 |
| Protein Characteristics: | AA 1-446 |
| Origin: | Xenopus laevis |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SOX10 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MSDDQSLSEV EMSPVGSEDP SLTPDPLPPH AHSSPDDDDD DDEEEEEETK VKKEQDSEDE RFPVCIREAV SQVLNGYDWT LVPMPVRVNG GSKSKPHVKR PMNAFMVWAQ AARRKLADQY PHLHNAELSK TLGKLWRLLN ENDKRPFIEE AERLRMQHKK DHPDYKYQPR RRKNGKPSPG EGDGSSEAEG GAASIQAHYK NSHLDHRHGS PMSDGNSEHS TGQSHGPPTP PTTPKTELQA GKSDGKRDGS HALREGGKPQ IDFGNVDIGE ISHDVMSNME TFDVNEFDQY LPPNGHAGHP SHIGGYTSSY GLTGALAAGP SAWALAKQHS QTVADSKAQV KTESSSTSHY TEQPSTSQLT YTSLGLPHYG SAFPSISRPQ FDYADHQPSS SYYSHSAQAS SLYSAFSYMG PPQRPLYTAI SDPPSVAQSH SPTHWEQPVY TTLSRP |
| Specificity: | Xenopus laevis (African clawed frog) |
| 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: | SOX10 |
| Alternative Name: | Transcription factor Sox-10 (sox10) (SOX10 Products) |
| Background: | Recommended name: Transcription factor Sox-10.<br>Alternative name(s): SRY (sex determining region Y)-box 10 |
| UniProt: | Q8AXX8 |
| Pathways: | Chromatin Binding |

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