Datasheet for ABIN7584191

# EGR2 Protein (AA 1-470) (His tag)

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## Overview

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| Quantity: | 100 µg |
| Target: | EGR2 |
| Protein Characteristics: | AA 1-470 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This EGR2 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MMTAKAVDKI PVTLSGFMHQ LPDSLYPVED LAAPSVTIFP NGELGGPFDQ MNGVAGDGMI NIDMTGEKRP LDLPYPSSFA PISAPRNQTF TYMGKFSIDP QYPGASCYPE GIINIVSAGI LQGVTPPAST TASSSVTSAS PNPLATGPLG VCTMSQTQPE LDHLYSPPPP PPPYSGCTGD LYQDPSAFLS PPPTTSTSSL AYQPPPSYPS PKPAMDPGLI PMIPDYPGFF PSPCQRDPHG AAGPDRKPFP CPLDSLRVPP PLTPLSTIRN FTLGGPSAGV TGPGASGGGE GPRLPGSGSA AVTATPYNPH HLPLRPILRP RKYPNRPSKT PVHERPYPCP AEGCDRRFSR SDELTRHIRI HTGHKPFQCR ICMRNFSRSD HLTTHIRTHT GEKPFACDYC GRKFARSDER KRHTKIHLRQ KERKSSAPSS SASAQSSASG PGGSQAGGSL CGNSAIGGPL ASCTSRTRTP |
| 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: | EGR2 |
| Alternative Name: | E3 SUMO-protein ligase EGR2 (Egr2) (EGR2 Products) |
| Background: | Recommended name: E3 SUMO-protein ligase EGR2.<br>EC= 6.3.2.-.<br>Alternative name(s): Early growth response protein 2.<br>Short name= EGR-2 Zinc finger protein Krox-20 |
| UniProt: | P51774 |

## 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 |

## Handling

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