Datasheet for ABIN1642968

# NFKBIA Protein (AA 1-318) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | NFKBIA |
| Protein Characteristics: | AA 1-318 |
| Origin: | Chicken |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This NFKBIA protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MLSAHRPAEP PAVEGCEPPR KERQGGLLPP DDRHDSGLDS MKEEEYRQLV RELEDIRLQP REPPARPHAW AQQLTEDGDT FLHLAIIHEE KALSLEVIRQ AAGDAAFLNF QNNLSQTPLH LAVITDQAEI AEHLLKAGCD LDVRDFRGNT PLHIACQQGS LRSVSVLTQH CQPHHLLAVL QATNYNGHTC LHLASIQGYL AVVEYLLSLG ADVNAQEPCN GRTALHLAVD LQNSDLVSLL VKHGPDVNKV TYQGYSPYQL TWGRDNASIQ EQLKLLTTAD LQILPESEDE ESSESEPEFT EDELMYDDCC IGGRQLTF |
| Specificity: | Gallus gallus (Chicken) |
| 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. |
| Purity: | > 90 % |

## Target Details

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| Target: | NFKBIA |
| Alternative Name: | NF-kappa-B inhibitor alpha (NFKBIA) (NFKBIA Products) |
| Background: | Recommended name: NF-kappa-B inhibitor alpha.<br>Alternative name(s): I-kappa-B-alpha.<br>Short name= IkB-alpha.<br>Short name= IkappaBalpha REL-associated protein pp40 |
| UniProt: | Q91974 |
| Pathways: | NF-kappaB Signaling, TCR Signaling, TLR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Maintenance of Protein Location, Hepatitis C, Protein targeting to Nucleus, Toll-Like Receptors Cascades, BCR Signaling |

## 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. |