Datasheet for ABIN1650824

# GAB2 Protein (AA 1-665) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | GAB2 |
| Protein Characteristics: | AA 1-665 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GAB2 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MSGGGGDDVV CTGWLRKSPP EKKLRRYAWK KRWFILRSGR MSGDPDVLEY YKNEHSKKPL RIINLNFCEQ VDAGLTFNKK ELQDSFVFDI KTSERTFYLV AETEADMNKW VQSICQICGF NQAEESTDSL RNLSSASHGP RSSPAEFSSS QHLLRERKSS APSHSSQPTL FTFEPPMTSH MQPALSTSAP QEYLYLHQCI SRRTENSRSA SFSQGTRQKS DTAVQKLAQS NGHCINGVSN QVHGFYSLPK PSRHNTEFKD STYDLPRSLA SHGHTKSSLT GSETDNEDVY TFKMPSNTLC REFGDLLVDN MDVPTTPLSA YQIPRTFTLD KNHNAMTVAT SGDSAIAPPP RPPKPSQAET PRWGSPQQKP PIGENSRSVA ATIPRRNTLP AMDNSRLHRA SSCETYEYPT RGSGESASWS AESPGKTAVG RSDSASSDEN YVPMNPGSST LLAMERAGDN SQSAYIPMGP GPHHFDPLGY PSTALPIHRG PSRGSEIQPP PVNRNLKPDR KAKPTPLDLR NNTVIDELPF KSPVTKSWSR INHTFNSSSS QYCRPISTQS ITSTDSGDSE ENYVPMQNPV SASPVPSGTN SPAPRKSTGS VDYLALDFQP GSPSPHRKPS TSSVTSDEKV DYVQVDKEKT QALQNTMQEW TDVRQSSEPS KGAKL |

## Product Details

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| 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. |
| Purity: | > 90 % |

## Target Details

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| Target: | GAB2 |
| Alternative Name: | GRB2-associated-binding protein 2 (Gab2) (GAB2 Products) |
| Background: | Recommended name: GRB2-associated-binding protein 2.<br>Alternative name(s): GRB2-associated binder 2 Growth factor receptor bound protein 2-associated protein 2 |
| UniProt: | Q9EQH1 |
| Pathways: | TCR Signaling, Fc-epsilon Receptor Signaling Pathway, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, BCR Signaling, Warburg Effect |

## 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 |

## Handling

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| 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. |