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## Datasheet for ABIN1635398 GBP2 Protein (AA 1-586) (His tag)

### Overview

Quantity:	1 mg
Target:	GBP2
Protein Characteristics:	AA 1-586
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GBP2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MASEIHMLQP MCLIENTEAH LVINQEALRI LSAINQPVVV VAIVGLYRTG KSYLMNKLKAG  KRTGFSLGST VQSHTKGIWM WCVPHPKKAG QTLVLLDTEG LEDVEKGDNQ NDCWIFALAV  LLSSTFVYNS MGTINQQAMD QLHYVTELT D LIKSKSSPDQ SGIDDSANFV GFFPTFWAL  RDFSLELEVN GKLVTPEYL EHS LTLKKG A DKKTKSFNEP RLCIRKFFPK R KCFIFDRPA  LRKQLCKLET LGEEELCSEF VEQVAEFTSY IFSYSAVKTL SGGIIVNGPR LKSLVQTYVG  AISSGSLPCM ESAVLTLAQI ENSAAVQKAI THYEEQMNQK IQMPTETLQE LLDLHRLIER  EAIEIFLKNS FKDVDQKFQT ELGNLLISK R DAFIKKNSDV SSAHCSDLIE DIFGPLEEEV  KQGTFSKPGG YFLFLQMRQE LEKKYNQAPG KGLEAEAVLK KYFESKEDIV ETLLKTDQSL  TEAAKEIEVE RIKAEAEAA NRELAEKQE FELMMQQKEE SYQEHVRQLT EKMKEEQKKL  IEEQDNIIAL KLREQEKFLR EGYENESKKL LREIENMKRR QSPGKC</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: GBP2

Alternative Name: Interferon-induced guanylate-binding protein 2 (Gbp2) ([GBP2 Products](#))

Background: Recommended name: Interferon-induced guanylate-binding protein 2.

Alternative name(s): GTP-binding protein 2.

Short name= GBP-2 Guanine nucleotide-binding protein 2 p67

UniProt: [Q63663](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

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 modified 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

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

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