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## Datasheet for ABIN1473848 GRB10 Protein (AA 1-599) (His tag)

### Overview

Quantity:	1 mg
Target:	GRB10
Protein Characteristics:	AA 1-599
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRB10 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MNNDINSSVE SLNSACNMQS DTDVPLEN GQSASNQPSA SSSRGQPQAS PRQKMQRSQP</p> <p>VHIQPLRRLQ EEDQQLRTSS LPAIPNPFPE LAGGAPGSPP SVAPSSLPPP PSQPPAKHFP</p> <p>PGFQLAKLTR PGLWTKTTAR FSKRQPKNQC QTDTANAVSR IPTSQMEKLR LRKDVKVFSE</p> <p>DGTSKVVEIL TDMTARDLCQ LLVYKSHCVD DNSWTLVEHH PQLGLERCLE DHEIVVQVES</p> <p>TMPSESKFLF RKNYAKYEFF KNPVNFFPDQ MVTWCQQSNG GQAQLLQNFL NSSSCPEIQG</p> <p>FLQVKEVGRK SWKKLYVCLR RSGLYYSTKG TSKEPRHLQL LADLEESSIF YLIAGKKQYN</p> <p>APNEHGMCIK PNKAKIEMKE LRLCAEDEQ IRTCWMTAFR LLKYGMLLYQ NYRIPQQRKG</p> <p>LAPPFNAPMR SVSENSLVAM DFSGQIGRVI DNPAAEQSAA LEEGHAWRKR STRMNILSSQ</p> <p>SPLHPSTLNS VIHRTQHWFH GRISREESHR IIKQQGLVDG LFLLRDSQSN PKAFVLTLC</p> <p>QKKIRNFQIL PCEDDGQTFF TLDDGNTKFS DLIQLVDFYQ LNKGVLPCKL KHH CIRVAL</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: GRB10

Abstract: [GRB10 Products](#)

Background: Recommended name: Growth factor receptor-bound protein 10.  
Alternative name(s): GRB10 adapter protein

UniProt: [P0CE43](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#)

## 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.