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Datasheet for ABIN1615418  
**GRB7 Protein (AA 1-535) (His tag)**

## Overview

Quantity:	1 mg
Target:	GRB7
Protein Characteristics:	AA 1-535
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRB7 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MELDLSPSHL SSSPEDVCPT PGTPPETPPP PDNPPPGDVK RSQPLPIPSS RKLREEEFQA TSLPSIPNPF PELCSPPSQK PILGGSSGAR GLLPRDSSRL CVVKVYSEDG ACRSVEVAAG ATARHVCEML VQRAHALSDE NWGLVECHPY LALERGLGDH ESVEVQEAW PVGGDSRFIF RKNFAKYELF KSPPHTLFPE KMVSSCLDTP TGISHEDLIQ NFLNAGSFPE IQGFLQLRGS GRGSGRKLWK RFFCFLRRSG LYSTKGTSK DPRHLQYVAD INESNVYVVT QGRKLYGIPT DFGFCVKPNK LRNGHKGLHI FCSEDEQSRT CWLSAFRLFY YGVQLYKQNYQ QAQRHLRLS YLGSPPLRSV SDNTLVAMDF SGHAGRVIEN PQEALSAATE EAQAWRKKTN HRLSLPTPCS GLSLSAAIHR TQPWFHGRIS REESQRLIGQ QGLVDGVFLV RESQRNPQGF VLSLCHLQKV KHYLILPSED EGCLYFSMDD GQTRFTDLLQ LVEFHQLNRG ILPCLLRHCC ARVAL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian 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: GRB7

Abstract: [GRB7 Products](#)

Background: Recommended name: Growth factor receptor-bound protein 7.  
Alternative name(s): Epidermal growth factor receptor GRB-7 GRB7 adapter protein

UniProt: [Q9QZC5](#)

Pathways: [EGFR Signaling Pathway](#), [Ribonucleoprotein Complex Subunit Organization](#)

## 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 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

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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

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