

Datasheet for ABIN7591122

## RASGRP1 Protein (AA 1-795) (His tag)



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### Overview

Quantity:	100 µg
Target:	RASGRP1
Protein Characteristics:	AA 1-795
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASGRP1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MGTLGKAREA PRKPCHGSRA GPKGRLEAKS TNSPLPAQPS LAQITQFRMM VSLGHLAKGA</p> <p>SLDDLIDSCI QSFADAGNLC RSNQLLQVML TMHRIISSA ELLQKLMNLY KDALEKNSPG</p> <p>ICLKICYFVR YWITEFWIMF KMDASLTSTM EEFQDLVKAN GEESHCHLID TTQINSRDWS</p> <p>RKLTQRIKSN TSKKRKVSLL FDHLEPEELS EHLTYLEFKS FRRISFSDYQ NYLVNSCVKE</p> <p>NPTMERSIAL CNGISQWVQL MVLSRPTPQL RAEVFIKFIH VAQKLHQLQN FNTLMAVIGG</p> <p>LCHSSISRLK ETSSHVPHEI NKVLGEMTEL LSSCRNYDNY RRAYGECTHF KIPILGVHLK</p> <p>DLISLYEAMP DYLEDGKVVN QKLLALYNHI NELVQLQDVA PPLDANKDLV HLLTSLDLY</p> <p>YTEDEIYELS YAREPRNHRA PPLTPSKPPV VVDWASGVSP KPDPKTISKH VQRMVDSVFK</p> <p>NYDLQDGYI SQEEFEKIAA SFPFSFCVMD KDREGLISRD EITAYFMRAS SIYSKLGLGF</p> <p>PHNFQETTYL KPTFCDNCAG FLWGVKQGY RCKDCGMNCH KQCKDLVFE CKKRSKSPAV</p> <p>STENISSVVP MSTLCPLGTK DLLHAPEEGS FIFQNGEVVD HSEESKDRTI MLLGVSSQKI</p> <p>SVRLKRTVAH KTTQTESFPW VGGEMPPGHF VLTSPRKSQA GALYVHSPAS PCPSPALVRK</p>
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## Product Details

RAFVKWENKE SLIKPKPELH LRLRTYQELE QEVNTRLRADN DALKIQLKYA QKQIESLQLG  
KSNHVL AQMD HGDGT

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.

Purity: > 90 %

## Target Details

Target: RASGRP1

Alternative Name: RAS guanyl-releasing protein 1 (Rasgrp1) ([RASGRP1 Products](#))

Background: Recommended name: RAS guanyl-releasing protein 1.  
Alternative name(s): Calcium and DAG-regulated guanine nucleotide exchange factor II.  
Short name= CalDAG-GEFII Ras guanyl-releasing protein

UniProt: [Q9R1K8](#)

Pathways: [TCR Signaling, Fc-epsilon Receptor Signaling Pathway](#)

## 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

## Handling

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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.