

Datasheet for ABIN7479298

RRAGA Protein (AA 1-247, partial) (GST tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	RRAGA
Protein Characteristics:	AA 1-247, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RRAGA protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	MPNTAMKKKV LLMGKSGSGK TSMRSIFAN YIARDTRRLG ATIDVEHSHV RFLGNLVLNL WDCGGQDTFM ENYFTSQRDN IFRNVEVLIY VFDVESRELE KDMHYYSQSL EAILQNSPDA KIFCLVHKMD LVQEDQRDLI FKEREEDLRR LSRPLECACF RTSIWDETLY KAWSSIVYQL IPNVQQLEMN LRNFAQIIEA DEVLLFERAT FLVISHYQCK EQRDVHRFEK ISNIIKQFKL SCSKLAA
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:	95 %

Target Details

Target:	RRAGA
Alternative Name:	Ras-related GTP-binding protein A protein (RRAGA Products)

Target Details

Background: Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity. Required for the amino acid-induced relocalization of mTORC1 to the lysosomes and its subsequent activation by the GTPase RHEB. This is a crucial step in the activation of the TOR signaling cascade by amino acids. Involved in the RCC1/Ran-GTPase pathway. May play a direct role in a TNF-alpha signaling pathway leading to induction of cell death. May alternatively act as a cellular target for adenovirus E3-14.7K, an inhibitor of TNF-alpha functions, thereby affecting cell death.

Molecular Weight: 56.4 kD

UniProt: [Q7L523](#)

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

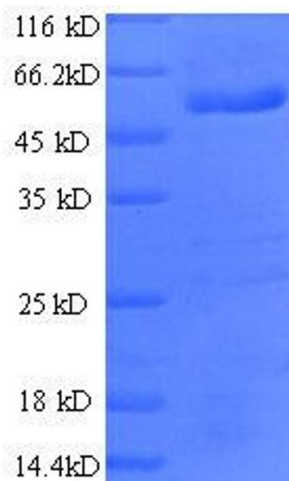
Concentration: 0.2-2 mg/mL

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

Storage: -20 °C

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



SDS-PAGE

Image 1. Ras-Related GTP Binding A (RRAGA) (AA 1-247), (partial) protein (GST tag)