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Datasheet for ABIN1653910  
**Arhgef9 Protein (AA 1-493) (His tag)**

### Overview

Quantity:	1 mg
Target:	Arhgef9
Protein Characteristics:	AA 1-493
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Arhgef9 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MQWIRGGSGM LITGDSIVSA EAVWDHVTMA NRGVAFKAGD VIKVLDASNK DWWWGQIDDE EGWFPAFVLR LWVNQEDGVE EGPSDVQNGH LDPNSDCLCL GRPLQNRDQM RANVINEIMS TERHYIKHLK DICEGYLKQC RKRDRMFSDE QLKVIFGNIE DIYRFQMGFV RDLEKQYNN DPHLSEIGPC FLEHQDGFVI YSEYCNHLD ACMELSKLMK DSRVQHFFEA CRLQMQMIDI AIDGFLTPV QKICKYPLQL AELLKYTAQD HSDYRYVAAA LAVMRNVTQQ INERKRRLN IDKIAQWQAS VLDWEGDDIL DRSSLIYTG EMAWIYQPYG RNQQRVFFLF DHQMVLCCKD LIRRDILYYK GRIDMDKYEV IDIEDGRDDD FNVSMKNAFK LHNKETEEVH LFFAKKLEEK IRWLRAFREE RKMVQEDEKI GFEISENQKR QAAMTVRKAS KQKGRVGEED NQSLELKRAC EVLQRLWSPG KKS
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: Arhgef9

Alternative Name: Rho guanine nucleotide exchange factor 9 (Arhgef9) ([Arhgef9 Products](#))

Background: Recommended name: Rho guanine nucleotide exchange factor 9.  
Alternative name(s): Collybistin Rac/Cdc42 guanine nucleotide exchange factor 9

UniProt: [Q9QX73](#)

Pathways: [Neurotrophin Signaling Pathway](#)

## 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.