

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
	EGWFPASFVR LWVNQEDGVE EGPSDVQNGH LDPNSDCLCL GRPLQNRDQM RANVINEIMS
	TERHYIKHLK DICEGYLKQC RKRRDMFSDE QLKVIFGNIE DIYRFQMGFV RDLEKQYNND
	DPHLSEIGPC FLEHQDGFWI YSEYCNNHLD ACMELSKLMK DSRYQHFFEA CRLLQQMIDI
	AIDGFLLTPV QKICKYPLQL AELLKYTAQD HSDYRYVAAA LAVMRNVTQQ INERKRRLEN
	IDKIAQWQAS VLDWEGDDIL DRSSELIYTG EMAWIYQPYG RNQQRVFFLF DHQMVLCKKD
	LIRRDILYYK GRIDMDKYEV IDIEDGRDDD FNVSMKNAFK LHNKETEEVH LFFAKKLEEK
	IRWLRAFREE RKMVQEDEKI GFEISENQKR QAAMTVRKAS KQKGRVGEEE NQSLELKRAC
	EVLQRLWSPG KKS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

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Product Details

Purity:

> 90 %

Target Details

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

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 modificated 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.

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