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## Datasheet for ABIN1461960 RAC2 Protein (AA 1-189) (His tag)



Overview	
Quantity:	1 mg
Target:	RAC2
Protein Characteristics:	AA 1-189
Origin:	Guinea Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAC2 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MQAIKCVVVG DGAVGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDSKP VNLGLWDTAG
	QEDYDRLRPL SYPQTDVFLI CFSLVSPASY ENVHANWYPK VRHHCPSTPI ILLGTKLDLR
	DDKETIEKLK EKKLAPITYP QGLALAKEID SVKYLECSAL TQRGLKTVFD EAIRAVLCPQ
	PTRPQKRAC
Specificity:	Cavia porcellus (Guinea pig)
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.
Purity:	> 90 %
Target Details	
Target:	RAC2

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Target Details	
Alternative Name:	Ras-related C3 botulinum toxin substrate 2 (RAC2) (RAC2 Products)
Background:	Recommended name: Ras-related C3 botulinum toxin substrate 2. Alternative name(s): p21-Rac2
UniProt:	088931
Pathways:	RTK Signaling, VEGF Signaling

## 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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