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Datasheet for ABIN1630096 RAP1 Protein (AA 2-400) (His tag)



Overview	
Quantity:	1 mg
Target:	RAP1 (TERF2IP)
Protein Characteristics:	AA 2-400
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAP1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	AEAMDLGKD PNGPTHSSTL FVREDGSSMS FYVRPSPAKR RLSTLILHGG GTVCRVQEPG AVLLAQPGEA LAEASGDFIS TQYILDCVER NERLELEAYR LGSASAADTG SEAKPGALAE
	GAAEPEPQRL AGRIAFTDAD DVAILTYVKE NARSPSSVTG NALWKAMEKS SLTQHSWQSL
	KDRYLKHLRG QEHKYLLGDA PVSPSSQKLK RKAEEDPEAA DSGEPQNKRT PDLPEEEYVK
	EEIQENEEAV KKMLVEATRE FEEVVVDESP PDFEIHITMC DDDPPTPEED SETQPDEEEE
	EEEEEKVSQP EVGAAIKIIR QLMEKFNLDL STVTQAFLKN SGELEATSAF LASGQRADGY
	PIWSRQDDID LQKDDEDTRE ALVKKFGAQN VARRIEFRKK
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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 %

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Target Details

Target:	RAP1 (TERF2IP)
Alternative Name:	Telomeric repeat-binding factor 2-interacting protein 1 (TERF2IP) (TERF2IP Products)
Background:	Recommended name: Telomeric repeat-binding factor 2-interacting protein 1.
	Short name= TERF2-interacting telomeric protein 1.
	Short name= TRF2-interacting telomeric protein 1.
	Alternative name(s): Repressor/activator protein 1 homolog.
	Short name= RAP1 homolog
UniProt:	Q4R4I0
Pathways:	Cell Division Cycle, Telomere Maintenance

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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