Datasheet for ABIN7587774

RAP1 Protein (AA 2-399) (His tag)

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Overview

Quantity:	100 µg
Target:	RAP1 (TERF2IP)
Protein Characteristics:	AA 2-399
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AEAMELGKD PNGPTHSSTL FVREDGSSMS FYVRPSPAKR RLSTLILHGG GTLCRVQEPG AVLLAQPGEA AAEASGDFIS TQYILDCVER NEKLELEAYR LGPAPAAYQA PETKPGVLAG GVAAAEPEPQ SQAGRMVFTD ADDVAIITYV KEHARSASSV TGNALWKAME KSSLTQHSWQ SMKDRYLKRL RGQEHKYLLG EAPVSPSSQK LKRKAEQDPE AADSGEPQNK RTPDLPEEEF EKEEIKENEA AVKKMLVEAT REFEEIVVDE SPDFEIHITM CDDDPCTPEE DSETQPDEEE EEEEKVSAPE VGAAIKIIRQ LMEKFNLDLS TVTQAFLKNS GELEATSSFL ESGQRADGYP IWSRQDDLDL QKDDEATRDA LVKKFGAQNV ARRIEFRKK
Specificity:	Bos taurus (Bovine)
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:	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:	Q0VCT3
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.