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CAPZA2 Protein (AA 2-286) (His tag)



Overview

Characteristics:

> 90 %

Purity:

Quantity:	1 mg
Target:	CAPZA2
Protein Characteristics:	AA 2-286
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPZA2 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	ADLEEQLSD EEKVRIAAKF IIHAPPGEFN EVFNDVRLLL NNDNLLREGA AHAFAQYNLD
	QFTPVKIEGY EDQVLITEHG DLGNGKFLDP KNRICFKFDH LRKEATDPRP CEVENAVESW
	RTSVETALRA YVKEHYPNGV CTVYGKKIDG QQTIIACIES HQFQAKNFWN GRWRSEWKFT
	ITPSTTQVVG ILKIQVHYYE DGNVQLVSHK DIQDSLTVSN EVQTAKEFIK IVEAAENEYQ
	TAISENYQTM SDTTFKALRR QLPVTRTKID WNKILSYKIG KEMQNA
Specificity:	Pongo abelii (Sumatran orangutan)

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.

Target Details

Target:	CAPZA2
Alternative Name:	F-actin-capping protein subunit alpha-2 (CAPZA2) (CAPZA2 Products)
Background:	Recommended name: F-actin-capping protein subunit alpha-2. Alternative name(s): CapZ alpha-2
UniProt:	Q5R4P6
Pathways:	Regulation of Actin Filament Polymerization

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 $^{\circ}\text{C}$ for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.