Datasheet for ABIN1655897

FNTA Protein (AA 1-333) (His tag)

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Overview

Quantity:	1 mg
Target:	FNTA
Protein Characteristics:	AA 1-333
Origin:	Pisum sativum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FNTA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAGNIEVEED DRVPLRLRPE WSDVTPIPQD DGPSPVVPIN YSEEFSEVMD YFRAVYFAKE LSSRALALTA EAIGLNAGNY TVWHFRRLLL ESLKVDLHVE REFVERVASG NSKNYQIWHH RRWVAEKLGP EARNSELEFT KKILSVDAKH YHAWSHRQWV LQNLGGWEDE LSYCSELLAE DIFNNSAWNQ RYFVITRSPV LGGLKAMRES EVLFTVEAII SYPENESSWR YLRGLFKDES TLYVNDAQVS SLCLKILKTK SNYLFALSTL LDLSASVIQP NEDFRDAIEA LRLQILIKQD SDIAITICSI LEQVDPIRVN YWVWRKSRLP QAA
Specificity:	Pisum sativum (Garden pea)
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:	FNTA
Alternative Name:	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha (FTA) (FNTA Products)
Background:	Recommended name: Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha. EC= 2.5.1.58. EC= 2.5.1.59. Alternative name(s): CAAX farnesyltransferase subunit alpha FTase-alpha Ras proteins prenyltransferase subunit alpha Type I protein geranyl-geranyltransferase subunit alpha. Short name= GGTase-I-alpha
UniProt:	O24304
Pathways:	Response to Water Deprivation, Regulation of G-Protein Coupled Receptor Protein 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

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.