Datasheet for ABIN7587604

COQ3 Protein (AA 45-322) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	COQ3
Protein Characteristics:	AA 45-322
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This COQ3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SAASFS SSHPKIQTLE GKASNKSRST SSTTSLNEDE LAKFSAIADT WWHSEGPFKP LHQMNPTRLA FIRSTLCRHF SKDPSSAKPF EGLKFIDIGC GGGLLSEPLA RMGATVTGVD AVDKNVKIAR LHADMDPVTS TIEYLCTTAE KLADEGRKFD AVLSLEVIEH VANPAEFCKS LSALTIPNGA TVLSTINRTM RAYASTIVGA EYILRWLPKG THQWSSFVTP EEMSMILQRA SVDVKEIAGF VYNPITGRWL LSDDISVNYI AYGTKRKDLG DI
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	COQ3
Alternative Name:	Hexaprenyldihydroxybenzoate methyltransferase, mitochondrial (COQ3) (COQ3 Products)
Background:	Recommended name: Hexaprenyldihydroxybenzoate methyltransferase, mitochondrial. EC= 2.1.1.114. Alternative name(s): 2-polyprenyl-6-hydroxyphenyl methylase. EC= 2.1.1.222 3,4-dihydroxy-5-hexaprenylbenzoate methyltransferase. Short name= DHHB methyltransferase. Short name= DHHB-MT. Short name= DHHB-MTase 3-demethylubiquinone-n 3-methyltransferase. EC= 2.1.1.64 Dihydroxyhexaprenylbenzoate methyltransferase Protein EMBRYO DEF. ECTIVE 3002
UniProt:	O49354
Pathways:	Methionine Biosynthetic Process

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

Handling

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