Datasheet for ABIN1660746

POR Protein (AA 1-313) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	POR
Protein Characteristics:	AA 1-313
Origin:	Oat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	VVVITGASSG LGLAAAKALA ETGKWHVVMA CRDFLKASKA AKAAGMADGS YTVMHLDLAS LDSVRQFVDA FRRAEMPLDV LVCNAAIYRP TARKPTFTAE GVEMSVGVNH LGHFLLARLL LEDLQKSDYP SRRLVIVGSI TGNDNTLAGN VPPKANLGDL RGLAGGLTGA SGSAMIDGDE SFDGAKAYKD SKVCNMLTMQ EFHRRYHEDT GITFSSLYPG CIATTGLFRE HIPLFRTLFP PFQKFVTKGF VSEAESGKRL AQVVGEPSLT KSGVYWSWNK DSASFENQLS QEASDPEKAR KVWELSEKLV GLA
Specificity:	Avena sativa (Oat)
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:	POR
Alternative Name:	Protochlorophyllide reductase (POR Products)
Background:	Recommended name: Protochlorophyllide reductase. Short name= PCR. EC= 1.3.1.33. Alternative name(s): NADPH-protochlorophyllide oxidoreductase. Short name= POR
UniProt:	P15904
Pathways:	Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process, SARS-CoV-2 Protein Interactome

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

Handling

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

