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Datasheet for ABIN1612567

PPOX Protein (AA 1-477) (His tag)

Overview

Quantity:	1 mg
Target:	PPOX
Protein Characteristics:	AA 1-477
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPOX protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MGRTVVVLGG GISGLAASYH LSRAPCPPKV VLVEGSERLG GWIRSVRGPN GAIFELGPRG</p> <p>IRPAGALGAR TLLLVSELGL DSEVLPVRGD HPAAQNRFLY VGGALHALPT GLRGLLRPSP</p> <p>PFSKPLFWAG LRELTKPRGK EPDETVHSFA QRRLGPEVAS LAMDSLRCGV FAGNSRELSI</p> <p>RSCFPSLFQA EQTHRSVLLG LLLGAGRTPQ PDSALIRQAL AERWSQWSLR GGLEMLPQAL</p> <p>ETHLTSRGVS VLRGQPVCGI SLQAEGRWKV SLRDSSLEAD HVISAIPASV LSELLPAEAA</p> <p>PLARALSAIT AVSVAVVNLQ YQGAHLPVQG FGHLVPSSD PGVLGIVYDS VAFPEQDGSP</p> <p>PGLRVTVMIG GSWLQTLAS GCVLSQELFQ QRAQEAAAAQ LGLKELPSHC LVHLHKNCIP</p> <p>QYTLGHWQKL ESARQFLAAH RLPLTLGAS YEGVAVNDIC ESGRQAAVSV LGTEPNG</p>
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: PPOX

Abstract: [PPOX Products](#)

Background: Recommended name: Protoporphyrinogen oxidase.
Short name= PPO.
EC= 1.3.3.4

UniProt: [Q60HD5](#)

Pathways: [Synaptic Membrane](#), [Feeding Behaviour](#)

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 modiflicated 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.