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Datasheet for ABIN1661974

## Alkanal Monooxygenase alpha (LUXA) Protein (AA 1-354) (His tag)

### Overview

Quantity:	1 mg
Target:	Alkanal Monooxygenase alpha (LUXA) (LUXA)
Protein Characteristics:	AA 1-354
Origin:	Photobacterium leiognathi
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Alkanal Monooxygenase alpha (LUXA) protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MKISNICFSY QPPGESHQEV MERFIRLGVA SEELNFDGFY TLEHHFTEFG ITGNLYIACA NILGRTKRIQ VGTMGIVLPT EHPARHVESL LVLDQLSKGR FNYGTVRGLY HKDFRVFGTS QEDSRKTAEN FYSMILDASK TGVLTHTDGEV VEFDPVNVYP EAYSKKQPTC MTAESSETIT YLAERGLPMV LSWIIPVSEK VSQMELYNEV AAEHGHDINN IEHILTFICS VNEDGEKADS VCRNFLENWY DSYKNATNIF NDSNQTRGYD YLKAQWREWW MKGLADPRRR LDYSNELNPV GTPERCIEII QSNIDATGIK HITVGFEANG SEQEIRESME LFMKVVAPHL KDPQ
Specificity:	Photobacterium leiognathi
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.
Purity:	> 90 %

## Target Details

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Target:	Alkanal Monooxygenase alpha (LUXA) (LUXA)
Alternative Name:	Alkanal monooxygenase alpha chain (luxA) ( <a href="#">LUXA Products</a> )
Background:	Recommended name: Alkanal monooxygenase alpha chain. EC= 1.14.14.3. Alternative name(s): Bacterial luciferase alpha chain
UniProt:	<a href="#">P29238</a>

## Application Details

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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

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