

Datasheet for ABIN1474871

EGLN1 Protein (AA 1-222) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	EGLN1
Protein Characteristics:	AA 1-222
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGLN1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNKHGICVVD DFLGRETGQQ IGDEVRLHD TGKFTDGQLV SQKSDSSKDI RGDKITWIEG KEPGCETIGL LMSSMDDLIR HCSGKLGNYR INGRTKAMVA CYPGNGTGYV RHVDNPNNGDG RCVTCIYYLN KDWDKVS GG ILRIFPEGKA QFADIEPKFD RLLFFWSDRR NPHEVQPAYA TRYAITVWYF DADERARAKV KYLTGEKGVR VELKPNSVSK DV
Specificity:	Rattus norvegicus (Rat)
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

Target:	EGLN1
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Target Details

Alternative Name:	Egl nine homolog 1 (Egln1) (EGLN1 Products)
Background:	Recommended name: Egl nine homolog 1. EC= 1.14.11.29. Alternative name(s): Hypoxia-inducible factor prolyl hydroxylase 2. Short name= HIF-PH2. Short name= HIF-prolyl hydroxylase 2. Short name= HPH-2 Prolyl hydroxylase domain-containing protein 2. Short name= PHD2
UniProt:	P59722
Pathways:	cAMP Metabolic Process , Warburg Effect

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