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Datasheet for ABIN1609470

Alternative Name:

LHB Protein (AA 1-112) (His tag)

Overview	
Quantity:	1 mg
Target:	LHB
Protein Characteristics:	AA 1-112
Origin:	Bullfrog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LHB protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	RHVCHLANAT ISAEKDHCPV CITFTTSICT GYCQTMDPVY KTALSSFKQN ICTYKEIRYD
	TIKLPDCLPG TDPFFTYPVA LSCYCDLCKM DYSDCTVESS EPDVCMKRRI SI
Specificity:	Lithobates catesbeiana (American bullfrog) (Rana catesbeiana)
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:	LHB

Lutropin subunit beta (lhb) (LHB Products)

Target Details

Background:	Recommended name: Lutropin subunit beta.	
	Short name= Lutropin beta chain.	
	Alternative name(s): Luteinizing hormone subunit beta.	
	Short name= LH-B.	
	Short name= LSH-B.	
	Short name= LSH-beta	
UniProt:	P80071	
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Peptide Hormone Metabolism, Hormone	
	Activity, C21-Steroid Hormone Metabolic Process	

Application Details

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