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Datasheet for ABIN1476072

PEBP1 Protein (AA 2-187) (His tag)



Overview

Quantity:	1 mg
Target:	PEBP1
Protein Characteristics:	AA 2-187
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEBP1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	AADISQWAG PLSLQEVDEP PQHALRVDYG GVTVDELGKV LTPTQVMNRP SSISWDGLDP
	GKLYTLVLTD PDAPSRKDPK FREWHHFLVV NMKGNDISSG TVLSEYVGSG PPKDTGLHRY
	VWLVYEQEQP LNCDEPILSN KSGDNRGKFK VESFRKKYHL GAPVAGTCFQ AEWDDSVPKL
	HDQLAGK
Specificity:	Rattus norvegicus (Rat)
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:	PEBP1

Target Details	
Alternative Name:	Phosphatidylethanolamine-binding protein 1 (Pebp1) (PEBP1 Products)
Background:	Recommended name: Phosphatidylethanolamine-binding protein 1.
	Short name= PEBP-1.
	Alternative name(s): 23 kDa morphine-binding protein HCNPpp P23K Cleaved into the following
	chain: 1.
	Hippocampal cholinergic neurostimulating peptide.
	Short name= 2.
	HCNP
UniProt:	P31044
Pathways:	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 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.

For Research Use only Restrictions:

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.