Datasheet for ABIN7585564

PMCH Protein (AA 22-165) (His tag)

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Overview

Quantity:	100 µg
Target:	PMCH
Protein Characteristics:	AA 22-165
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PMCH protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ILLSASKSI RNVEDDIVFN TFRMGKAFQK EDTAERSVVA PSLEGYKNDE SGFMKDDDDK TTKNTGSKQN LVTHGLPLSL AVKPYLALKG PAVFPAENGV QNTESTQEKR EIGDEENSAK FPIGRRDFDM LRCMLGRVYR PCWQV
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:	PMCH
Alternative Name:	Pro-MCH (Pmch) (PMCH Products)

Target Details

Background:	Recommended name: Pro-MCH Cleaved into the following 3 chains: 1. Neuropeptide-glycine-glutamic acid. Short name= 2. NGE. Short name= 3. Neuropeptide G-E 4. Neuropeptide-glutamic acid-isoleucine. Short name= 5. NEI. Short name= 6. Neuropeptide E-I 7. Melanin-concentrating hormone. Short name= 8. MCH
UniProt:	P14200
Pathways:	Carbohydrate Homeostasis, 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.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL

Handling

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.