

Datasheet for ABIN1644727

POMC Protein (AA 23-132) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	POMC
Protein Characteristics:	AA 23-132
Origin:	Lepisosteus osseus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POMC protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QCWEHSQC RDLSSSEENIL ECIQACNSDL TAESPIFPGN GHLQPPSEAD RNYAKSHFRS TALGRRTNGS VGSSKQAGEN AALSILFAAL APPQAEEME ESESSQQQRR ED
Specificity:	Lepisosteus osseus (Long-nosed gar)
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:	POMC
Alternative Name:	Pro-opiomelanocortin (pomc) (POMC Products)

Target Details

Background:	Recommended name: Pro-opiomelanocortin. Short name= POMC. Alternative name(s): Corticotropin-lipotropin Cleaved into the following 8 chains: 1. NPP 2. Gamma-melanotropin-like segment 3. Corticotropin. Alternative name(s): Adrenocorticotrophic hormone. Short name= ACTH Melanotropin alpha. Alternative name(s): Alpha-MSH Corticotropin-like intermediary peptide. Short name= CLIP Melanotropin beta. Alternative name(s): Beta-MSH Beta-endorphin Met-enkephalin
-------------	--

UniProt:	Q91082
----------	------------------------

Pathways:	Metabolism of Steroid Hormones and Vitamin D , Peptide Hormone Metabolism , Hormone Activity , 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 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

Handling

one week

Storage: -20 °C

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