



[Go to Product page](#)

Datasheet for ABIN1610697

## **GNRH1 Protein (AA 22-80) (His tag)**

### Overview

Quantity:	1 mg
Target:	GNRH1
Protein Characteristics:	AA 22-80
Origin:	Clarias gariepinus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNRH1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	QHWSHGLNP GGKRAVMQES AEEIPRSSGY LCDYVAVSPG NKPFRKDLL TPVAGREIEE
Specificity:	Clarias gariepinus (African sharptooth catfish) (North African catfish)
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:	GNRH1
Alternative Name:	Progonadoliberin-1 (gnrh1) ( <a href="#">GNRH1 Products</a> )
Background:	Recommended name: Progonadoliberin-1.

## Target Details

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Alternative name(s): Progonadoliberin I Cleaved into the following 2 chains: 1.

Gonadoliberin-1.

Alternative name(s): Gonadoliberin I Gonadotropin-releasing hormone I.

Short name= GnRH-I Luliberin I Luteinizing hormone-releasing hormone I.

Short name= LH-RH I GnRH-associated peptide 1.

Alternative name(s): GnRH-associated peptide I

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UniProt: [P33439](#)

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Pathways: [Hormone Activity](#)

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## Application Details

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**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 modified 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.

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Lyophilized

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**Concentration:** 0.2-2 mg/mL

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**Buffer:** Tris-based buffer, 50 % glycerol

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**Handling Advice:** Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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**Storage:** -20 °C

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

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