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Datasheet for ABIN1655903

**GnRH2 Protein (AA 25-86) (His tag)**

## Overview

Quantity:	1 mg
Target:	GnRH2
Protein Characteristics:	AA 25-86
Origin:	Rainbow Trout
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GnRH2 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	QHWSHG WYPGGKRELD SFTTSEISEG IKLCEAEGCS YLRPQRRNIL KNVILDALAR EFQKRK
Specificity:	Oncorhynchus mykiss (Rainbow trout) (Salmo gairdneri)
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:	GnRH2
Alternative Name:	Progonadoliberein-2 (gnrh2) ( <a href="#">GnRH2 Products</a> )
Background:	Recommended name: Progonadoliberein-2.

## Target Details

Alternative name(s): Progonadoliberin II Cleaved into the following 2 chains: 1. Gonadoliberin-2.

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

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

Short name= LH-RH II GnRH-associated peptide 2.

Alternative name(s): GnRH-associated peptide II

UniProt: [O42241](#)

Pathways: [Hormone Activity](#)

## 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 one week

**Storage:** -20 °C

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