



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### GNRHR (Human) Recombinant Protein

**Catalog Number:** H00002798-G01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human GNRHR full-length ORF (ADR83139.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).

**Sequence:**

MANSASPEQNNHCSAINNSIPLMQGNLPTLTLSGKIR  
VTVTFFLLSASFNASFLLKLQKWTQKKEKGKLSRM  
KLLKHLTLANLLETIVMPLDGMWNITVQWYAGELLC  
KVLSYLKLFSMYAPAFMMVVISLDRSLAITRPLALKSNS  
KVGQSMVGLAWILSSVFAGPQLYIFRMIHLADSSGQTK  
VFSQCVTHCSFSQWWHQAFYNFFTFSCLFIIPLFIMLIC  
NAKIIFTLTRVLHQDPHELQLNQSNNIPRARLTKLMT  
VAFATSFTVCWTPYYVLGIWYWFDPPEMLNRLSDPVNH  
FFFLFAFLNPCFDPLIYGYSL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 36.1

**Interspecies Antigen Sequence:** Mouse (89); Rat (88)

**Applications:** AP

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Preparation Method:** [in vitro wheat germ expression system with proprietary liposome technology](#)

**Purification:** None

**Recommend Usage:** Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

**Storage Buffer:** 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2798

**Gene Symbol:** GNRHR

**Gene Alias:** GNRHR1, GRHR, LHRHR, LRHR

**Gene Summary:** This gene encodes the receptor for type 1 gonadotropin-releasing hormone. This receptor is a member of the seven-transmembrane, G-protein coupled receptor (GPCR) family. It is expressed on the surface of pituitary gonadotrope cells as well as lymphocytes, breast, ovary, and prostate. Following binding of gonadotropin-releasing hormone, the receptor associates with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Activation of the receptor ultimately causes the release of gonadotropic luteinizing hormone (LH) and follicle stimulating hormone (FSH). Defects in this gene are a cause of hypogonadotropic hypogonadism (HH). Alternative splicing results in multiple transcript variants encoding different isoforms. More than 18 transcription initiation sites in the 5' region and multiple polyA signals in the 3' region have been identified for this gene. [provided by RefSeq]