

Rev01  
Update: Dec,28,2022

## DATASHEET

# Luteinizing Hormone Releasing Hormone (LH-RH), human

Cat. No.: RP11937

## Overview

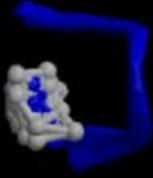
<b>Synonyms</b>	LH-RH, humanLH-RH
<b>Description</b>	LH-RH (human), a hypothalamic peptide, is involved in the regulation of reproductive functions by controlling the synthesis and release of luteinizing hormone (LH) and follicle-stimulating hormone (FSH) from the anterior pituitary gland.
<b>Cas No</b>	71447-49-9
<b>Sequence</b>	{pGLU}{HIS}{TRP}{SER}{TYR}{GLY}{LEU}{ARG}{PRO}{GLY}-NH <sub>2</sub>
<b>Sequence Shortening</b>	PyrHWSYGLRPG-NH <sub>2</sub>
<b>Molecular Formula</b>	C <sub>55</sub> H <sub>75</sub> N <sub>17</sub> O <sub>13</sub>
<b>C Terminal</b>	NH <sub>2</sub>
<b>Molecular Weight</b>	1182.29

## Properties

<b>Purity</b>	> 95%
<b>Solubility</b>	Solubility in Water: 25 mg/ml H <sub>2</sub> O clear, very faintly yellow.
<b>Form</b>	Lyophilized
<b>Storage</b>	Store the peptide at -20°C. Keep container tightly closed.

## Examples

GenScript Corporation



**LH-RH**