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## Datasheet for ABIN7318554 GHRH Protein (Fc Tag)

### Overview

Quantity:	50 µg
Target:	GHRH
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GHRH protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human Somatoliberin/GHRH Protein (Fc Tag)
Sequence:	Pro21-Leu75
Characteristics:	Recombinant Human Growth Hormone-releasing factor is produced by our Mammalian expression system and the target gene encoding Pro21-Leu75 is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	GHRH
Alternative Name:	Somatoliberin/GHRH ( <a href="#">GHRH Products</a> )
Background:	Background: Growth-hormone-releasing hormone (GHRH) is a releasing hormone for growth hormone. It is a 44-amino acid peptide hormone produced in the arcuate nucleus of the

## Target Details

hypothalamus. GHRH first appears in the human hypothalamus between 18 and 29 weeks of gestation, which corresponds to the start of production of growth hormone and other somatotropes in fetuses. GRF is released by the hypothalamus and acts on the adenohypophyse to stimulate the secretion of growth hormone.

Synonym: Somatoliberin, Growth hormone-releasing factor, Somatocrinin, Somatorelin, Growth hormone-releasing hormone, GHRH, GHRF

Molecular Weight: 33.4 kDa

UniProt: [P01286](#)

Pathways: [Hormone Transport](#), [Hormone Activity](#), [cAMP Metabolic Process](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.