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Datasheet for ABIN1691558

GHRH Protein (AA 21-75) (Fc Tag)

Overview

Quantity:	50 µg
Target:	GHRH
Protein Characteristics:	AA 21-75
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GHRH protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Growth Hormone-Releasing Factor/GHRF/Somatoliberin (C-Fc)
Sequence:	PPPLTLRMR RYADAIFTNS YRKVLGQLSA RKLLQDIMSR QQGESNQERG ARARLVDDIE GRMDEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNAKALPAP IEKTISKAKG QPREPQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTTPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGK
Characteristics:	Recombinant Human Growth hormone-releasing factor/GHRH is produced by our mammalian expression system. The target protein is expressed with sequence (Pro21-Leu75) of Human GHRH fused with a FC tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	GHRH
Alternative Name:	GHRH (GHRH Products)
Sub Type:	Fusionprotein
Background:	<p>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 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.</p> <p>Alternative Names: Somatoliberin, Growth hormone-releasing factor, Somatocrinin, Somatorelin, Growth hormone-releasing hormone, GHRH, GHRF,</p>
Molecular Weight:	33.4 kDa
UniProt:	P01286
Pathways:	Hormone Transport , Hormone Activity , cAMP Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	5 months