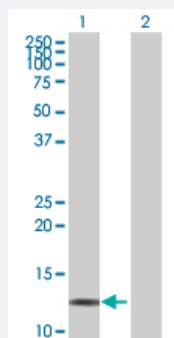


GHRH 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002691-T01

Size 100 uL

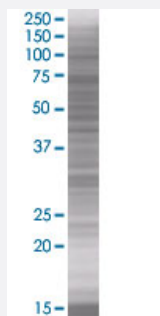
Applications



Western Blot

Lane 1: GHRH transfected lysate (12.4 kDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

GHRH transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GHRH full-length

Host Human

Theoretical MW (kDa) 11.99

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GHRH antibody ([H00002691-B01](#)) by Western Blots.
Western Blot
Lane 1: GHRH transfected lysate (12.4 kDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
GHRH transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GHRH

Entrez GeneID[2691](#)**GeneBank Accession#**[NM_021081](#)**Protein Accession#**[NP_066567](#)**Gene Name**

GHRH

Gene Alias

GHRF, GRF, MGC119781

Gene Description

growth hormone releasing hormone

Omim ID[139190](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene belongs to the glucagon family and is a preproprotein that is produced in the hypothalamus. The preproprotein is cleaved to form a 44 aa factor, also called somatostatin, that acts to stimulate growth hormone release from the pituitary. Variant receptors for somatostatin have been found in several types of tumors, and antagonists of these receptors can inhibit the growth of the tumors. Defects in this gene are a cause of dwarfism, while hypersecretion of the encoded protein is a cause of gigantism. [provided by RefSeq]

Other Designations

OTTHUMP00000030915|growth hormone releasing factor|sermorelin|somatostatin|somatostatin

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)