

Proteoliposomes

Full-Length

GHRHR (Human) Recombinant Protein

Catalog # H00002692-G01

Size 10 ug

Specification

Product Description

Human GHRHR full-length ORF (AAI66636.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MDRRMWGAHVFCVLSPLPTVLGHMHPECDFITQLREDESACLQAAEEMPNTTLGCPATWDGLL
CWPTAGSGEWTLPDFFSHFSSESGAVKRDCTITGWSEFPFPYPVACPVLELLAEEESYF
STVKIYTVGHSISIVALFVAITILVALRRLHCPRNYVHTQLFTTFILKAGAVFLKDAALFHSDTDHCS
FSTVLCKVSAASHFATMTNFSWLLAEAVYLNCLLASTSPSSRRAFWWLVLAGWGLPVLFTGTW
VSCKLAFEDIACWDLDDTSPYWWIIGPMVLSVGVNFGFLNIIIRILVRKLEPAQGSLSHTQSQYWRLS
KSTLFLIPLFGIHYIIFNFLPDNAGLGIRLPLELGLGSFQGFIVAILYCFLNQEV RTEISRKWHGHDPPELL
PAWRTRAKWTTSPSRSAKVLTSMC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

46.6

Interspecies Antigen Sequence

Mouse (82); Rat (82)

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — GHRHR

Entrez GeneID [2692](#)

GeneBank Accession# [BC166636.1](#)

Protein Accession# [AA166636.1](#)

Gene Name GHRHR

Gene Alias GHRFR, GHRHRpsv, GRFR

Gene Description growth hormone releasing hormone receptor

Omim ID [139191](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene, expressed in the pituitary, encodes a receptor for growth hormone-releasing hormone. Binding of this hormone to the receptor leads to synthesis and release of growth hormone. Mutations in this gene have been associated with isolated growth hormone deficiency (IGHD), also known as Dwarfism of Sindh, a disorder characterized by short stature. Many alternate transcriptional splice variants encoding different isoforms have been described, but only two have been characterized to date. [provided by RefSeq]

Other Designations GRF receptor|growth hormone-releasing factor receptor|growth hormone-releasing hormone receptor form a|growth hormone-releasing hormone receptor form b|growth hormone-releasing hormone receptor form c

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)

- [Chromosome Aberrations](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hyperparathyroidism](#)
- [Insulin Resistance](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)