

Recombinant Human GHRHR

Cat. No. GHRHR-29025TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human GHRHR (amino acids 23-132) with N terminal proprietary tag; Predicted MWt 37.73 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Description	This gene 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.
Molecular Weight	37.730kDa inclusive of tags
Tissue specificity	Pituitary gland.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

HMHPECDFITQLREDESACLQAAEEMPNTTLGCPATWDGL LCWPTAGSGEWVTLP
CPDFFSHFSSESAGAVKRDCTITGWS EPFPPYPVACPVPLELLAEEESYFSTVKII

Sequence Similarities

Belongs to the G-protein coupled receptor 2 family.

GENE INFORMATION

Gene Name

GHRHR growth hormone releasing hormone receptor [Homo sapiens]

Official Symbol

GHRHR

Synonyms

GHRHR; growth hormone releasing hormone receptor; growth hormone-releasing hormone receptor;

Gene ID

2692

mRNA Refseq

NM_000823

Protein Refseq

NP_000814

MIM

139191

Uniprot ID

Q02643

Chromosome Location

7p14

Pathway

Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling,

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organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;
GPCRs, Class B Secretin-like, organism-specific biosystem;

Function

G-protein coupled receptor activity; growth factor binding; growth hormone-releasing
hormone receptor activity; growth hormone-releasing hormone receptor activity;
peptide hormone binding;

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