

Product Information

MemDX™ Membrane Protein Human GHRL (Growth hormone receptor) for Antibody

Discovery

Cat. No.: **MP0167Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 29.4 kDa Human GHRL membrane protein expressed in Insect. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

GHRL

Protein Length

Partial

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

29.4 kDa

TMD

1

Sequence

MDLWQLLLTLALAGSSDAFSGSEATAAILS RAPWSLQSVNPGLKTNSSKEPKFTKCRSPERETF SCHWTDEVHHGTKNLGPIQLFY
VQSPQGLILNATALPLPDKEFLSSCGYVSTDQLNKIMP

Product Description

Expression Systems

Insect

Tag

His

Form

Powder

Endotoxin

< 1.0 EU per 1 microgram of protein

Purity

>95% by SDS - PAGE

Buffer

10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

GHRL

Full Name

Growth hormone receptor

Introduction

This gene encodes a member of the type I cytokine receptor family, which is a transmembrane receptor for growth hormone. Binding of growth hormone to the receptor leads to receptor dimerization and the activation of an intra- and intercellular signal transduction pathway leading to growth. Mutations in this gene have been associated with Laron syndrome, also known as the growth hormone insensitivity syndrome (GHIS), a disorder characterized by short stature. In humans and rabbits, but not rodents, growth hormone binding protein (GHBP) is generated by proteolytic cleavage of the extracellular ligand-binding domain from the mature growth hormone receptor protein. Multiple alternatively spliced transcript variants have been found for this gene.

Alternative Names

GHBP; GHIP; growth hormone receptor; GH receptor; growth hormone binding protein; serum binding protein; somatotropin receptor

Gene ID

[2690](#)

UniProt ID

[P10912](#)