

Recombinant Human GHRHR protein, His & GST-tagged

Cat. No. GHRHR-7849H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GHRHR aa. (His23~Lys130 (Accession # Q02643)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	His23~Lys130
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.9kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.2.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	GHRHR growth hormone releasing hormone receptor [Homo sapiens (human)]
Official Symbol	GHRHR
Synonyms	PLCD1; phospholipase C delta 1; NDNC3; PLC-III; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-1; PLC-delta-1; phosphoinositide phospholipase C-delta-1; phospholipase C-III
Gene ID	2692
mRNA Refseq	NM_000823.3
Protein Refseq	NP_000814.2

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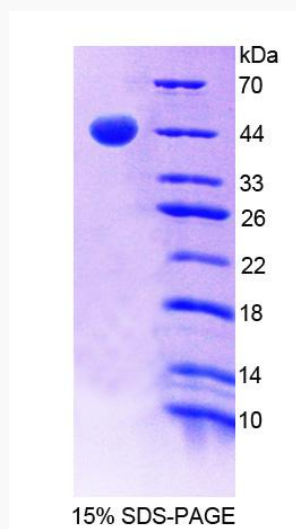
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UniProt ID

Q02643

SDS-PAGE

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