

Recombinant Full Length Human GHSR Protein

Cat. No. GHSR-197HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Ghrelin Receptor, Isoform 1B with N terminal proprietary tag, 57.86kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	289 amino acids
Description	This gene encodes a member of the G-protein coupled receptor family. The encoded protein may play a role in energy homeostasis and regulation of body weight. Two identified transcript variants are expressed in several tissues and are evolutionary conserved in fish and swine. One transcript, 1a, excises an intron and encodes the functional protein; this protein is the receptor for the Ghrelin ligand and defines a neuroendocrine pathway for growth hormone release. The second transcript (1b) retains the intron and does not function as a receptor for Ghrelin; however, it may function to attenuate activity of isoform 1a. Mutations in this gene are associated with autosomal idiopathic short stature.
Form	Liquid
Molecular Mass	57.860kDa inclusive of tags
AA Sequence	MWNATPSEEPGFNLTLDLDWDASPGNDSLGDPELLQLFPA PLLAGVTATCVALFVV GIAGNLLTMLVVSFRFRELRTTNL YLSSMAFSDLLIFLCMPDLVRLWQYRPWNFGD

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LLCKLFQ FVSECTYATVLTITALSVERYFAICFPLRAKVVTKGRV KLVIFVIWAVAF
CSAGPIFVLVGVEHENGTDPWDTNECRP TEFAVRSGLLTVMVWVSSIFFFLPVFCL
TVLYSLIGRKLW RRRRGDAVVGASLRDQNHKQTVKMLGGSQRALRLSLAGPI LSL
CLLPSL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [GHSR growth hormone secretagogue receptor \[Homo sapiens \]](#)

Official Symbol [GHSR](#)

Synonyms GHSR; growth hormone secretagogue receptor; growth hormone secretagogue receptor type 1

Gene ID [2693](#)

mRNA Refseq [NM_004122](#)

Protein Refseq [NP_004113](#)

MIM [601898](#)

UniProt ID [Q92847](#)

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