Recombinant Human GHSR Protein, GST-tagged

Cat. No. GHSR-4895H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GHSR full-length ORF (NP_004113.1, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq
Molecular Mass	58.6 kDa
AA Sequence	MWNATPSEEPGFNLTLADLDWDASPGNDSLGDELLQLFPAPLLAGVTATCVALFVV GIAGNLLTMLVVSRFRELRTTTNLYLSSMAFSDLLIFLCMPLDLVRLWQYRPWNFGD LLCKLFQFVSESCTYATVLTITALSVERYFAICFPLRAKVVVTKGRVKLVIFVIWAVAFC SAGPIFVLVGVEHENGTDPWDTNECRPTEFAVRSGLLTVMVWVSSIFFFLPVFCLTV LYSLIGRKLWRRRRGDAVVGASLRDQNHKQTVKMLGGSQRALRLSLAGPILSLCLLP SL

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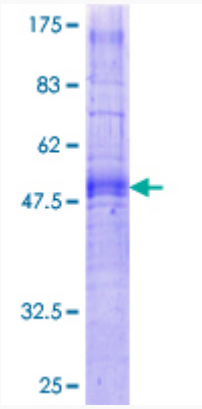
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; GHRP; GHS-R; ghrelin receptor; GH-releasing peptide receptor;
Gene ID	2693
mRNA Refseq	NM_004122
Protein Refseq	NP_004113
MIM	601898
UniProt ID	Q92847

Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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