

# Recombinant Human GHSR Full Length Transmembrane protein, Flag-tagged(Synthetic Nanodisc)

**Cat. No.** GHSR-1043HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GHSR Full Length Transmembrane protein(Q92847), fused with Flag tag, was expressed in HEK293.                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-366 aa                                                                                                                                                                                                                                            |
| <b>Tag</b>              | Flag                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.                                                                                    |
| <b>Molecular Mass</b>   | The human full length GHSR protein has a MW of 41.3kDa.                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                       |

## GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GHSR growth hormone secretagogue receptor [ Homo sapiens ]                                                                                             |
| <b>Official Symbol</b> | GHSR                                                                                                                                                   |
| <b>Synonyms</b>        | GHSR; growth hormone secretagogue receptor; growth hormone secretagogue receptor type 1; GHRP; GHS-R; ghrelin receptor; GH-releasing peptide receptor; |
| <b>Gene ID</b>         | 2693                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_004122                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_004113                                                                                                                                              |
| <b>MIM</b>             | 601898                                                                                                                                                 |
| <b>UniProt ID</b>      | Q92847                                                                                                                                                 |

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