

## Recombinant Human NPY1R, GST-tagged

**Cat. No.** NPY1R-1351H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NPY1R protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 310-384aa                                                                                                                                                         |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NPY1R neuropeptide Y receptor Y1 [ Homo sapiens ]                                |
| <b>Official Symbol</b> | NPY1R                                                                            |
| <b>Synonyms</b>        | NPY1R; neuropeptide Y receptor Y1; NPYR; neuropeptide Y receptor type 1; NPY1-R; |
| <b>Gene ID</b>         | 4886                                                                             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | <a href="#">NM_000909</a>                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>      | <a href="#">NP_000900</a>                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>                 | <a href="#">162641</a>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>          | <a href="#">P25929</a>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Chromosome Location</b> | 4q31.3-q32                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Pathway</b>             | Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; |
| <b>Function</b>            | G-protein coupled receptor activity; neuropeptide Y receptor activity; pancreatic polypeptide receptor activity; peptide YY receptor activity; receptor activity; signal transducer activity;                                                                                                                                                                                                                                            |