

# Recombinant Mouse NPY2R Protein (1-51 aa), His-SUMO-Myc-tagged

**Cat. No.** NPY2R-2569M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse NPY2R Protein (1-51 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Cardiovascular. Protein Description: Partial. |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-51 aa                                                                                                                                                                                                                                          |
| <b>Description</b>      | Receptor for neuropeptide Y and peptide YY.                                                                                                                                                                                                      |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 25.5 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MGPVGAEADENQTVEVKVEPYGPGHTTPRGELPPDPEPELIDSTKLVEVQV                                                                                                                                                                                              |
| <b>Purity</b>           | > 85% as determined by SDS-PAGE.                                                                                                                                                                                                                 |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                     |
| <b>Storage</b>          | The shelf life is related to many factors, storage state, buffer ingredients, storage                                                                                                                                                            |

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temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** Npy2r neuropeptide Y receptor Y2 [ Mus musculus ]

**Official Symbol** NPY2R

**Synonyms** NPY2R; neuropeptide Y receptor Y2; Y2 receptor; NPY-Y2 receptor; NPY2-R; MGC124241; MGC124242; MGC124244;

**Gene ID** 18167

**mRNA Refseq** NM\_001205099

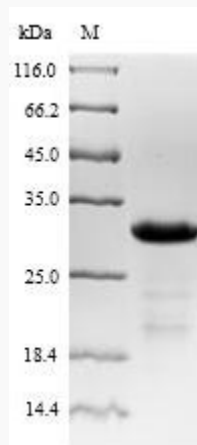
**Protein Refseq** NP\_001192028

**UniProt ID** P97295

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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