

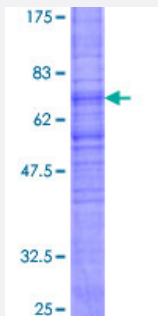
Full-Length

# NMUR2 (Human) Recombinant Protein (P01)

Catalog # H00056923-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human NMUR2 full-length ORF ( AAH16938.1, 1 a.a. - 415 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MSGMEKLQNASWYQQKLEDPFQKHLNSTEYLAFLCGPRRSHFFLPVSVVYVPIFVVGIVGNVL  
VCLVILQHQAMKTPTNYFLSLAVSDLLVLLGMPLEVYEMWRNYPFLFGPVGCYFKTALFETVCF  
ASILSITTVSVERYVAILHPFRAKLQSTRRRALRILGIVWGFSVLFSLPNTSIHGKIFHYFPNGSLVPGS  
ATFTVIKPMWIYNFIIQVTSFLFYLLPMTVISVLYLMALRLKKDKSLEADEGNANIQRPCRKSVNKML  
FVLVLVFAICWAPFHIDRLFFSFVEEWSESLAAVFNLVHVVSQVFFYLSSAVNPIYNLLSRRFQAA  
FQNVISFHKQWHSQHDPQLPPAQRNIFLTECHFVELTEDIGPQFPCQSSMHNSHLPTALSSEQM  
SRTNYQSFHFNKT

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

71.39

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — NMUR2

Entrez GeneID [56923](#)

GeneBank Accession# [BC016938](#)

Protein Accession# [AAH16938.1](#)

Gene Name NMUR2

Gene Alias FM-4, FM4, NMU-R2, NMU2R, TGR-1, TGR1

Gene Description neuromedin U receptor 2

Omim ID [605108](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a protein from the G-protein coupled receptor 1 family. This protein is a receptor for neuromedin U, which is a neuropeptide that is widely distributed in the gut and central nervous system. This receptor plays an important role in the regulation of food intake and body weight. [provided by RefSeq]

**Other Designations** G-protein coupled receptor TGR-1|growth hormone secretagogue receptor family, member 4

## Pathway

- [Neuroactive ligand-receptor interaction](#)