

# Recombinant Full Length Human NMUR2 Protein

Cat. No. NMUR2-6614HF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Human NMUR2 full-length ORF (NP\_064552.2) recombinant protein without tag.

**Species** Human

**Source** In Vitro Cell Free System

**ProteinLength** 2,002 amino acids

**Description** 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]

**Form** Liquid

**Molecular Mass** 47.8 kDa

**AA Sequence**

```
MSGMEKLQNASWIYQQKLEDPFQKHLNSTEEYLAFLCGPRRSHFFLPVSVVYVPIFV
VGVIGNVLVCLVILQHQAAMKTPNTNYLFLSLAVSDLLVLLLGMPLEVYEMWRNYPFLF
GPVGCYFKTALFETVCFASILSITTVSVERYVAILHPFRAKLQSTRRRALRILGIVWGF
SVLFSLPNTSIHGKIFHYFPNGSLVPGSATFTVIKPMWIYNFIIQVTSFLFYLLPMTVISV
LYYLMALRLKDKSLEADEGNANIQRPCRKSVNKMLFVLVLFVAICWAPFHIDRLFFS
FVEEWSSESLAAVFNLVHVVSGVFFYLSSAVNPIIYNLLSRRFQAAFQNVISSFHKQW
HSQHDPQLPPAQRNIFLTECHFVELTEDIGPQFPCQSSMHNSHLPTALSSEQMSRT
NYQSFHFNKT
```

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<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	NMUR2 neuromedin U receptor 2 [ Homo sapiens ]
<b>Official Symbol</b>	NMUR2
<b>Synonyms</b>	NMUR2; neuromedin U receptor 2; NMU2R; neuromedin-U receptor 2; G-protein coupled receptor FM-4; G-protein coupled receptor TGR-1; growth hormone secretagogue receptor family, member 4; FM4; FM-4; TGR1; TGR-1; NMU-R2;
<b>Gene ID</b>	56923
<b>mRNA Refseq</b>	NM_020167
<b>Protein Refseq</b>	NP_064552
<b>MIM</b>	605108
<b>UniProt ID</b>	Q9GZQ4

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