

# Recombinant Full Length Human NMUR2 Protein

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Human NMUR2 full-length ORF (NP_064552.2) recombinant protein without tag.                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 2,002 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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]                                                                                                                                                       |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 47.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | <p>MSGMEKLQNASWIYQQKLEDPFQKHLNSTEEYLAFLCGPRRSHFFLPVSVVYVPIFV<br/> VGIGNVLVCLVILQHQAAMKTPNTYYLFS LAVSDLLVLLLGMPLEVYEMWRNYPFLF<br/> GPVGCYFKTALFETVCFASILSITTVSVERYVAILHPFRAKLQSTRRRALRILGIVWGF<br/> SVLFSLPNTSIHGKIFHYFPNGSLVPGSATFTVIKPMWIYNFIIQVTSFLFYLLPMTVISV<br/> LYYLMALRLKKDKSLEADEGNANIQRPCRKSVNKMLFVLVLVFAICWAPFHIDRLFFS<br/> FVEEWSESLAAVFNLVHVVS GVFYLLSSAVNP IYNLLSRRFQA AFQNVISSFHKQW<br/> HSQHDPQLPPAQRNIFLTECHFVELTEDIGPQFPCQSSMHNSHLPTALSSEQMSRT<br/> NYQSFHFNKT</p> |

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Antibody Production<br>Functional Study<br>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.                                                                                                                                                                           |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                           |
| <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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