

# Recombinant Full Length Human NMUR1 Protein, GST-tagged

**Cat. No.** NMUR1-6612HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Human NMUR1 full-length ORF ( NP_006047.2, 1 a.a. - 426 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 426 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | NMUR1 (Neuromedin U Receptor 1) is a Protein Coding gene. Among its related pathways are Signaling by GPCR and RET signaling. GO annotations related to this gene include G-protein coupled receptor activity and neuromedin U receptor activity. An important paralog of this gene is NMUR2.                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 73.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MTPCLCLNCSVLPGDLYPGGARNPMACNGSAARGHFDPEDLNLTDEALRLKYLGPQ<br>QTELFMPICATYLLIFVVGAVGNGLTCLVILRHKAMRTPTNYLFLSLAVSDLLVLLVGL<br>PLELYEMWHNYPFLLVGGVGCYFRTLLFEMVCLASVLNVTALSVRYVAVVHPLQAR<br>SMVTRAHVRRVLGAVWGLAMLCSLPNTSLHGIQQLHVPCRGVPVDSAVCMLVRPR<br>ALYNMNVVQTTALLFFCLPMAIMSVLYLLIGLRRLRRERLLLMQEAKGRGSAAARSRYT<br>CRLQQHDRGRRQVTKMLFVLVVVFGICWAPFHADRVMSVVSQWTDGLHLAFQH<br>VHVISGIFFYLGSAANPVLYSLMSSRFRETQFQALCLGACCHRLRPRHSSHSLSRMT<br>TGSTLCDVGSLGSWVHPLAGNDGPEAQQETDPS |

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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                    |
| <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>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                             |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>        | NMUR1 neuromedin U receptor 1 [ Homo sapiens ]                                                                                                                                                                                                                       |
| <b>Official Symbol</b>  | NMUR1                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | NMUR1; neuromedin U receptor 1; G protein coupled receptor 66 , GPR66;<br>neuromedin-U receptor 1; FM 3; GPC R; NMU1R; NMU-R1; G protein-coupled<br>receptor 66; G-protein coupled receptor 66; G-protein coupled receptor FM-3; FM3;<br>FM-3; GPC-R; GPR66; (FM-3); |
| <b>Gene ID</b>          | 10316                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_006056                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_006047                                                                                                                                                                                                                                                            |
| <b>MIM</b>              | 604153                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>       | Q9HB89                                                                                                                                                                                                                                                               |

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