

Proteoliposomes

Full-Length

## NPFFR2 (Human) Recombinant Protein

Catalog # H00010886-G01

Size 10 ug

### Specification

<b>Product Description</b>	Human NPFFR2 full-length ORF (NP_444264.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
<b>Sequence</b>	MNEKWDTNSENWHPiWNVNDTKHLYSDINITYVNYLHQPQVAAIFISYFLIFFLCMMGNTVVCFI VMRNKHMHTVTNLFILNLAISDLLVGIFCMPITLLDNIIAGWPFGNTMCKISGLVQGISVAASVFTLVAI AVDRFQCVVYFPKPKLTIKTAFVIMIMVVLAITIMSPSAVMLHVQEEKYRVRLNSQNKTSVPVWCR EDWPNQEMRKIYTTVLFANLAPLSLVMYGRIGISLFRAAVPHTGRKNQEQWHVVSRRKQKIKML LVALLFILSWLPLWTLMMLSYADLSPNELQIINYYPPFAHWLAFGNSSVNPYYGFFNENFRRGFQE AFQLQLCQKRAKPMAYALKAKSHVLINTSNQLVQESTFQNPGETLLYRKSAEKPPQQLVMEEL KETTNSSEI
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	48.7
<b>Interspecies Antigen Sequence</b>	Mouse (79); Rat (78)
<b>Form</b>	Liquid
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system with proprietary liposome technology</a>
<b>Purification</b>	None
<b>Recommend Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

### Applications

- Antibody Production

## Gene Info — NPFFR2

Entrez GeneID	<a href="#">10886</a>
GeneBank Accession#	<a href="#">NM_053036.1</a>
Protein Accession#	<a href="#">NP_444264.1</a>
Gene Name	NPFFR2
Gene Alias	GPR74, NPFF2, NPGPR
Gene Description	neuropeptide FF receptor 2
Omim ID	<a href="#">607449</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of a subfamily of G-protein-coupled neuropeptide receptors. This protein is activated by the neuropeptides A-18-amide (NPAF) and F-8-amide (NPFF) and may function in pain modulation and regulation of the opioid system. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	G protein-coupled receptor 74 OTTHUMP00000160367 OTTHUMP00000160369 neuropeptide FF 2 neuropeptide G protein-coupled receptor

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Obesity](#)
- [Thinness](#)