

Recombinant Human NPFFR2 Protein

Cat. No. NPFFR2-6025H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPFFR2 full-length ORF (NP_444264.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	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]
Form	Liquid
Molecular Mass	48.7 kDa
AA Sequence	MNEKWDTNSENWHPIWNVNDTKHHLYS DINIT YVNYLHQ PQVAAIFIISYFLIFFLC MMGNTVVC FIVMRNKHMHTVTNLFILNLAISDLLVGIFC MPITLLDNIIAGW PFGNTMC KISGLVQGISVAASVFTLV AIAVDRFQC VVYPFKPKLTIKTA FVIIMIIWVLAITIMSPSAV MLHVQEEKYYRVRLNSQNK TSPVYWCRE DWPNQEMRKIYTTVLFANIYLAPLSLIVI MYGRIGISLFRAAVPHTGRKNQEQWHVVS RKKQKIIKMLLIVALLFILSWLPLWTLMM LSDYADLSPNELQIINIYIYPFAHWLAFGNSSVNP IYGFNFENFRRGFQEA FQLQLCQ KRAKPMEAYALKAKSHVLINTSNQLVQESTFQNP HGETLLYRKS AEKPQQELVMEEL KETTNSSEI
Applications	Antibody Production

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	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	NPFFR2 neuropeptide FF receptor 2 [Homo sapiens]
Official Symbol	NPFFR2
Synonyms	NPFFR2; neuropeptide FF receptor 2; G protein coupled receptor 74 , GPR74; neuropeptide FF 2; NPFF2; NPGPR; G protein-coupled receptor 74; G-protein coupled receptor 74; G-protein coupled receptor HLWAR77; neuropeptide G-protein coupled receptor; GPR74; HLWAR77;
Gene ID	10886
mRNA Refseq	NM_001144756
Protein Refseq	NP_001138228
MIM	607449

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UniProt ID

Q9Y5X5

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