

Recombinant Full Length Human NPFFR2 Protein

Cat. No. NPFFR2-6618HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPFFR2 full-length ORF (NP_444264.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	187 amino acids
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	MNEKWDTNSSSENWHPIWNVNDTKHHLYS DINIT YVNYYLHQPQVAAIFIISYFLIFFLC MMGNTVVCFIVMRNKHMTVTNLFILNLAISDLLVGIFC MPITLLDNIIAGWPFGNTMC KISGLVQGISVAASVFTLV AIAVDRFQCVVYPFKPKLTIKTAFVIIMIIWVLAITIMSPSAV MLHVQEEKYYRVRLNSQNK TSPVYWCREDPNQEMRKIYTTVL FANIYLAPLSLIVI MYGRIGISLFRAAVPHTGRKNQE QWHVVSRRKKQKIIKMLLIVALLFILSWLPLWTLMM LSDYADLSPNELQIINIYIPFAHWLAFGNSSVNP IYGFNFENFRRGFQEAFLQLQCQ KRAKPMEAYALKAKSHVLINTSNQLVQESTFQNP HGETLLYRKSAEKPQQELVMEEL KETTNSSSEI

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Applications	Antibody Production Functional Study Compound Screening
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
UniProt ID	Q9Y5X5

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