

Datasheet for ABIN7549814  
**NPFFR1 Protein (AA 1-430) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NPFFR1
Protein Characteristics:	AA 1-430
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPFFR1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant NPFFR1 Protein expressed in mammalian cells.
Sequence:	MEGEPSQPPN SSWPLSQNGT NTEATPATNL TFSSYYQHTS PVAAMFIVAY ALIFLLCMVG NTLVCFIVLK NRHMHTVTNM FILNLAVSDL LVGIFCMPTT LVDNLITGWP FDNATCKMSG LVQGMSVSAS VFTLVIAIVE RFRCIVHPFR EKLTLRKALV TIAVIWALAL LIMCPSAVTL TVTREEHHFM VDARNRSYPL YSCWEAWPEK GMRRVYTTVL FSHIYLAPLA LIVVMYARIA RKLCQAPGPA PGGEEAADPR ASRRRARVVH MLVMVALFFT LSWLPLWALL LLIDYGQLSA PQLHLVTVYA FPPAHWLAFF NSSANPIYG YFNENFRRGF QAAFRRARLCP RPSGSHKEAY SERPGLLHR RVFVVVRPSD SGLPSESGPS SGAPRPGRLP LRNGRVAHHG LPREGPGCSH LPLTIPAWDI <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

NPFFR1

### Alternative Name:

NPFFR1 ([NPFFR1 Products](#))

### Background:

Neuropeptide FF receptor 1 (G-protein coupled receptor 147) (RFamide-related peptide receptor OT7T022),FUNCTION: Receptor for NPAF (A-18-F-amide) and NPFF (F-8-F-amide) neuropeptides, also known as morphine-modulating peptides. Can also be activated by a variety of naturally occurring or synthetic FMRF-amide like ligands. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.

### Molecular Weight:

47.8 kDa

### UniProt:

[Q9GZQ6](#)

### Pathways:

[cAMP Metabolic Process](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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