

Datasheet for ABIN7560253 NPFFR2 Protein (AA 1-417) (His tag)



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Overview

Quantity:	1 mg
Target:	NPFFR2 (NPFF2)
Protein Characteristics:	AA 1-417
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPFFR2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Npffr2 Protein expressed in mammalian cells.
Sequence:	<p>MSEKWDSNSS ESWNHIWSGN DTQHHWYSDI NITYVNYLH QPQVAVFIS SYLLIFVLCM VGNTVVCFIV IRNRHMHTVT NFFILNLAI DLLVGIFCMP ITLLDNIIAG WPGGSSMCKI SGLVQGISVA ASVFTLVAIA VDRFRCVVYP FKPKLTVKTA FVTIVIIWGL AIAIMTPSAI MLHVQEEKYY RVRLSSHNT STVYWCREDW PRHEMRRIYT TVLFATIYLA PLSLIVIMYA RIGASLFKTA AHCTGKQRPV QWHVSKKKQK VIKMLLTVAL LFILSWLPLW TLMMLSDYTD LSPNKLRIIN IYIYPFAHWL AFCNSSVNPI IYGFNENFR NGFQDAFQIC QKKAKPQEAY SLRAKRNIVI NTSGLLVQEP VSQNPGENL GCGKSADNPT QESLIEEMGE ATNSTVA</p> <p>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.</p>
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot

Grade: custom-made

Target Details

Target: NPFFR2 (NPFF2)

Alternative Name: Npffr2 ([NPFF2 Products](#))

Background: Neuropeptide FF receptor 2 (G-protein coupled receptor 74) (Neuropeptide NPFF receptor),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 (By similarity). {ECO:0000250}.

Molecular Weight: 47.4 kDa

UniProt: [Q924H0](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

	guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months