

Recombinant Full Length Human Neuropeptide Ff Receptor 2(Npffr2) Protein, His-Tagged

Cat. No. RFL1175HF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human Neuropeptide FF receptor 2(NPFFR2) Protein (Q9Y5X5) (1-522aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length (1-522)

Form

Lyophilized powder

AA Sequence

MNSFFGTPAASWCLLESVDVSSAPDKEAGRERRALSVQQRGGPAWGSLEWSRQS
 AGDRRR LGLSRQTAKSSWSRSRDRTCCCRRAWWILVPAADRARRERFIMNEKWD
 TNSENWHPIWN VNDTKHHLYS DINITYVNYYLHQPQVAAIFIISYFLIFFLCMMGNTV
 VCFIVMRNKHMHT VTNLFILNLAISDLLVGIFCMPITLLDNIAGWPF GNTMCKISGLV
 QGISVAASVFTLVA IAVDRFQC VVYPFKPKLTIKTA FVIIMIIWVLAITIMSPSAVMLHVQ
 EEKYRVRLNSQN KTSPVYWCREDWPNQEMRKIYTTVLFANIYLAPLSLIVIMYGRI
 GISLFRAAVPHTGRKN QEQWHVVSRRKKQKIIKMLLIVALLFILSWLPLWTLMLSDYA
 DLSPNELQIINIYIPFA HWLAFGNSSVNPIIYGFFNENFRRGFQEAFLQLQCQKRAK
 PMEAYALKAKSHVLINTSNQ LVQESTFQNP HGETLLYRKS AEKPQQELVMEELKET
 TNSSEI

Purity

Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	NPFFR2
Synonyms	NPFFR2; GPR74; NPFF2; NPGPR; Neuropeptide FF receptor 2; G-protein coupled receptor 74; G-protein coupled receptor HLWAR77; Neuropeptide G-protein coupled receptor
UniProt ID	Q9Y5X5

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