

PRODUCT INFORMATION

Target	NPFF2
Synonyms	GPR74, HLWAR77, NPFF2, NPGPR
Description	Human NPFF2 full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q9Y5X5
Expression Host	HEK293
Protein Families	Transmembrane,Druggable Genome,
Protein Pathways	GPCRDB Class A Rhodopsin-like,Neurotrophin & Receptors,
Molecular Weight	The human full length NPFF2 protein has a MW of 60.3kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with pH lower than 6.5 in subsequent experiments.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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, Jan 2009]
Usage	Research use only

