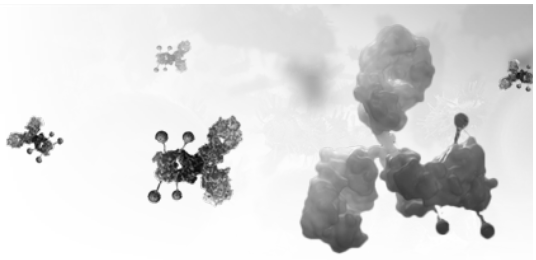

Human NPFFR1 blocking peptide (DAG-P0846)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	NPFFR1 neuropeptide FF receptor 1 [Homo sapiens (human)]
Official Symbol	NPFFR1
Synonyms	NPFFR1; neuropeptide FF receptor 1; NPFF1; GPR147; NPFF1R1; OT7T022; neuropeptide FF 1; G protein-coupled receptor 147; G-protein coupled receptor 147; RFamide-related peptide receptor OT7T022;
Entrez Gene ID	64106
mRNA Refseq	NM_022146.4

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Protein Refseq	NP_071429.1
UniProt ID	Q9GZQ6
Chromosome Location	10q21-q22
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosyst
Function	G-protein coupled receptor activity; neuropeptide receptor activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221