

**NPSF (1 - 37), Neuropeptide SF (1 - 37)**  
**Synthetic Peptide**  
**Catalog # SP2414b****Specification**

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**NPSF (1 - 37), Neuropeptide SF (1 - 37) - Product Information**Primary Accession  
Sequence[O9HCQ7](#)  
NH2-SLNFEELKDWGPKNVIKMSTPAVNKMPH  
SFANLPLRF-CONH2**NPSF (1 - 37), Neuropeptide SF (1 - 37) - Additional Information****Gene ID** 64111**Other Names**

Pro-FMRFamide-related neuropeptide VF, Neuropeptide NPSF, Neuropeptide RFRP-1, Neuropeptide RFRP-2, Neuropeptide NPVF, Neuropeptide RFRP-3, NPVF, C7orf9, RFRP

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NPSF (1 - 37), Neuropeptide SF (1 - 37) - Protein Information****Name** NPVF**Synonyms** C7orf9, RFRP**Function**

Neuropeptide RFRP-1 acts as a potent negative regulator of gonadotropin synthesis and secretion. Neuropeptides NPSF and NPVF efficiently inhibit forskolin-induced production of cAMP, but RFRP-2 shows no inhibitory activity. Neuropeptide RFRP-1 induces secretion of prolactin in rats. Neuropeptide NPVF blocks morphine-induced analgesia.

**Cellular Location**

Secreted.

**Tissue Location**

Isoform 1 is specifically expressed in the retina. Neuropeptides RFRP-1 and NPVF are detected in the hypothalamus

**NPSF (1 - 37), Neuropeptide SF (1 - 37) - Images**

