



## Rat NPS peptide (DAG-P0972)

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

### PRODUCT INFORMATION

|                            |                                                                                                                                                                               |
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| <b>Antigen Description</b> | Modulates arousal and anxiety. May play an important anorexigenic role. Binds to its receptor NPSR1 with nanomolar affinity to increase intracellular calcium concentrations. |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                  |
| <b>Format</b>              | Liquid                                                                                                                                                                        |
| <b>Preservative</b>        | None                                                                                                                                                                          |
| <b>Storage</b>             | 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

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | <a href="#">Nps neuropeptide S [ Mus musculus (house mouse) ]</a>                                                                                                               |
| <b>Official Symbol</b>     | NPS                                                                                                                                                                             |
| <b>Synonyms</b>            | NPS; neuropeptide S; ENSMUSG00000073804;                                                                                                                                        |
| <b>Entrez Gene ID</b>      | <a href="#">100043254</a>                                                                                                                                                       |
| <b>mRNA Refseq</b>         | <a href="#">NM_001163611.1</a>                                                                                                                                                  |
| <b>Protein Refseq</b>      | <a href="#">NP_001157083.1</a>                                                                                                                                                  |
| <b>UniProt ID</b>          | P0C0P8                                                                                                                                                                          |
| <b>Chromosome Location</b> | 7 F3; 7                                                                                                                                                                         |
| <b>Pathway</b>             | Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; G alpha (s) signalling events, organism-specific |

biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GP

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**Function**

molecular\_function;

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