



# Human NPSR1 peptide (DAG-P1826)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is a member of the G protein-coupled receptor 1 family and encodes a plasma membrane protein. Increased expression of this gene in ciliated cells of the respiratory epithelium and in bronchial smooth muscle cells is associated with asthma. Mutations in this gene have also been associated with this disease. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]
<b>Purity</b>	70 - 90% by HPLC.
<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

<b>Gene Name</b>	<a href="#">NPSR1 neuropeptide S receptor 1 [Homo sapiens (human)]</a>
<b>Official Symbol</b>	NPSR1
<b>Synonyms</b>	NPSR1; neuropeptide S receptor 1; GPRA; NPSR; VRR1; ASRT2; PGR14; GPR154; neuropeptide S receptor; G protein-coupled receptor 154; G-protein coupled receptor 154; G-protein coupled receptor PGR14; vasopressin receptor-related receptor 1; G protein-coupled receptor for asthma susceptibility; G-protein coupled receptor for asthma susceptibility;
<b>Entrez Gene ID</b>	<a href="#">387129</a>

<b>mRNA Refseq</b>	<a href="#">NM_207172.1</a>
<b>Protein Refseq</b>	<a href="#">NP_997055.1</a>
<b>UniProt ID</b>	Q6W5P4
<b>Chromosome Location</b>	7p14.3
<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
<b>Function</b>	vasopressin receptor activity;