



Human GPR27 peptide (DAG-P1590)

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

PRODUCT INFORMATION

Antigen Description	GPR27 is a member of the G protein-coupled receptors (GPCRs), a large family of receptors that have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli such as neurotransmitters, hormones, or light induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins.[supplied by OMIM, May 2010]
Specificity	Highly expressed as a 3.0 kb transcript in brain, ovary, testis, heart, prostate and peripheral Leukocytes. Lower levels in pancreas and small intestine. A 2.3 kb transcript was also found in peripheral Leukocytes. In brain regions, detected as a 3.0 kb t
Conjugate	Unconjugated
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	GPR27 G protein-coupled receptor 27 [Homo sapiens (human)]
Official Symbol	GPR27
Synonyms	GPR27; G protein-coupled receptor 27; SREB1; probable G-protein coupled receptor 27; super conserved receptor expressed in brain 1;
Entrez Gene ID	2850

mRNA Refseq	NM_018971.1
Protein Refseq	NP_061844.1
UniProt ID	F1DAM3
Chromosome Location	3p21-p14
Pathway	GPCRs, Class A Rhodopsin-like, organism-specific biosystem;
Function	G-protein coupled receptor activity;