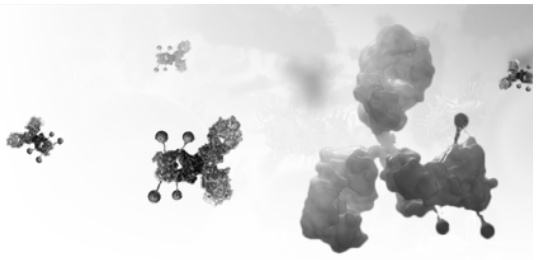

CNR2 peptide (DAG-P0043)

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

PRODUCT INFORMATION

Antigen Description	The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors. [provided by RefSeq, Jul 2008]
Specificity	Preferentially expressed in cells of the immune system with higher expression in B cells and NK cells (at protein level). Expressed in skin in suprabasal layers and hair follicles (at protein level). Highly expressed in tonsil and to a lower extent in spl
Conjugate	Unconjugated
Applications	WB
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	CNR2 cannabinoid receptor 2 (macrophage) [Homo sapiens (human)]
Official Symbol	CNR2

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Synonyms	CNR2; cannabinoid receptor 2 (macrophage); CB2; CX5; CB-2; cannabinoid receptor 2; testis-dominant CNR2 isoform CB2;
Entrez Gene ID	1269
mRNA Refseq	NM_001841.2
Protein Refseq	NP_001832.1
UniProt ID	P34972
Chromosome Location	1p36.11
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) 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; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organi
Function	cannabinoid receptor activity;

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