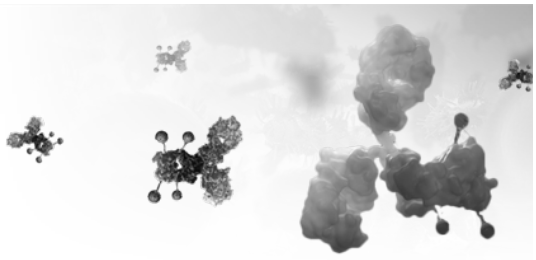

Human CNR1 blocking peptide (CDBP0669)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Cannabinoid Receptor 1 antibody
Antigen Description	This gene encodes one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family, which inhibit adenylate cyclase activity in a dose-dependent, stereoselective and pertussis toxin-sensitive manner. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. Multiple transcript variants encoding two different protein isoforms have been described for this gene. [provided by RefSeq, May 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CNR1 cannabinoid receptor 1 (brain) [Homo sapiens (human)]
Official Symbol	CNR1

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Synonyms	CNR1; cannabinoid receptor 1 (brain); CB1; CNR; CB-R; CB1A; CB1R; CANN6; CB1K5; cannabinoid receptor 1; central cannabinoid receptor;
Entrez Gene ID	1268
mRNA Refseq	NM_001160226.1
Protein Refseq	NP_001153698.1
UniProt ID	P21554
Chromosome Location	6q14-q15
Pathway	BDNF signaling pathway, organism-specific biosystem; 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; N-cadherin signaling events, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-recepto
Function	cannabinoid receptor activity; drug binding;

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