

Product datasheet for **KN210224LP**

Cannabinoid Receptor II (CNR2) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	Cannabinoid Receptor II
Locus ID:	1269
Components:	<p>KN210224G1, Cannabinoid Receptor II gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210224G2, Cannabinoid Receptor II gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210224LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001841
UniProt ID:	P34972
Synonyms:	CB-2; CB2; CX5
Summary:	<p>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]</p>



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Product images:

