

**PRODUCT INFORMATION**

<b>Tag</b>	N-His, C-strep
<b>Target</b>	CB2
<b>Synonyms</b>	CB-2; CNR2; CX5
<b>Description</b>	Human CB2 full length protein-Detergent
<b>Delivery</b>	1 week
<b>Uniprot ID</b>	P34972
<b>Expression Host</b>	E.coli
<b>Protein Families</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways</b>	Neuroactive ligand-receptor interaction
<b>Molecular Weight</b>	The human CB2 full length protein has a MW of 41.9kDa
<b>Formulation &amp; Reconstitution</b>	Liquid, 50mM HEPES, 150mM NaCl, 0.06M, 0.012%CHS, 1mM EDTA, pH7.5
<b>Storage&amp;Shipping</b>	Store at -80°C, Ship on dry ice.
<b>Background</b>	<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.</p>
<b>Purity</b>	>85%
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

