

PRODUCT INFORMATION

Tag	N-His, C-strep
Target	CB2
Synonyms	CB-2; CNR2; CX5
Description	Human CB2 full length protein-Nanodisc
Delivery	1 week
Uniprot ID	P34972
Expression Host	E.coli
Protein Families	Druggable Genome, GPCR, Transmembrane
Protein Pathways	Neuroactive ligand-receptor interaction
Molecular Weight	The human CB2 full length protein has a MW of 41.9kDa
Formulation & Reconstitution	Liquid, 50mM HEPES, 150mM NaCl PH7.5
Storage&Shipping	Store at -80°C, Ship on dry ice.
Background	<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>
Purity	>80%
Usage	Research use only
Conjugate	Unconjugated

