

32-17575: Recombinant Human CB2 (1-33) Protein, hFc Tag

Uniprot ID : P34972
Alternative Name : CB-2, CB2, CX5,CNR2

Description

Molecular Characterization: CB2(Met1-Lys33) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 29.8 kDa after removal of the signal peptide. The apparent molecular mass of CB2-hFc is approximately 35-55 kDa due to glycosylation.

Description: Recombinant Human CB2 Protein with C-terminal human Fc tag

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.

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.