

PRODUCT INFORMATION

CB₂ **Target**

Synonyms CB-2;CB2;CX5

Recombinant Human CB2 Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P34972 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular CB2(Met1-Lys33) (Asn93-Ala104) (Thr173-Characterization Asn188) (Ala270-Lys278) hFc(Glu99-Ala330)

The protein has a predicted molecular mass of

33.9 kDa after removal of the signal peptide. The apparent molecular mass of CB2-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution for specific instructions of reconstitution.

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 activities and does dependent expressionative and activity in a dose-dependent, stéreoselective, 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

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receptors. [provided by RefSeq, Jul 2008]

Usage Research use only

Background





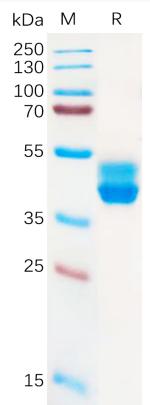


Figure 1. Human CB2 Protein, hFc Tag on SDS-PAGE under reducing condition.



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