

Datasheet for ABIN6964092

CNR1 Protein (Fc Tag)**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CNR1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CB1 protein with C-terminal human Fc
Specificity:	CB1 (Met1-Gln116) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CNR1
Alternative Name:	CB1 (CNR1 Products)
Background:	Synonymes: CANN6, CB-R, CB1, CB1A, CB1K5, CB1R, CNR Description: This gene encodes one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana.

Target Details

The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family, which inhibit adenylate cyclase activity in a dose-dependent, stereoselective and pertussis toxin-sensitive manner. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. Multiple transcript variants encoding two different protein isoforms have been described for this gene.

Molecular Weight: predicted molecular mass of 39.3 kDa after removal of the signal peptide. The apparent molecular mass of CB1-hFc is 55-70 kDa due to glycosylation.

Gene ID: 1268

UniProt: [P21554](#)

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

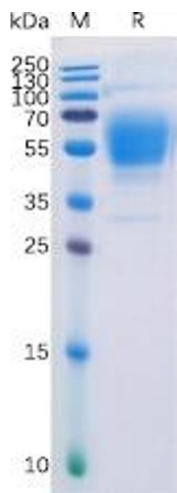
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human CB1 Protein, hFc Tag on SDS-PAGE under reducing condition.