

PRODUCT INFORMATION

C-Flag&Strep Tag Tag

Target CB1

Synonyms CANN6; CB-R; CNR1; CB1A; CB1K5; CB1R; CNR Human CB1-Strep full length protein-synthetic **Description**

nanodisc

Delivery 6~8weeks **Uniprot ID** P21554 **Expression Host HEK293**

Protein Families GPCR

Protein Pathways Neuroactive ligand-receptor interaction

The human full length CB1-Strep Protein has a **Molecular Weight**

MW of 52.7 kDa Lyophilized from nanodisc solubilization buffer (20

mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

Formulation & Reconstitution for specific instructions. Do not use solvents with a pH below 6.5 or those containing high

concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. 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 cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. 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.

Usage Research use only Conjugate Unconjugated

Background



