

## HUMAN CB1 FULL LENGTH PROTEIN

货号: 11007

产品全名: 人 CB1 Full Length 蛋白

规格: 10/50/100 µg

基因符号 CANN6; CB-R; CNR1; CB1A; CB1K5; CB1R; CNR

目标蛋白: CB1

**UNIPROT ID:** P21554

**描述:** 人 CB1 full length protein-synthetic nanodisc

**背景:** 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.

**物种/宿主:** HEK293

**分子量:** The human full length CB1 Protein has a MW of 52.7 kDa

**Formulation & Reconstitution:** 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.

**储存和运输:** 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.

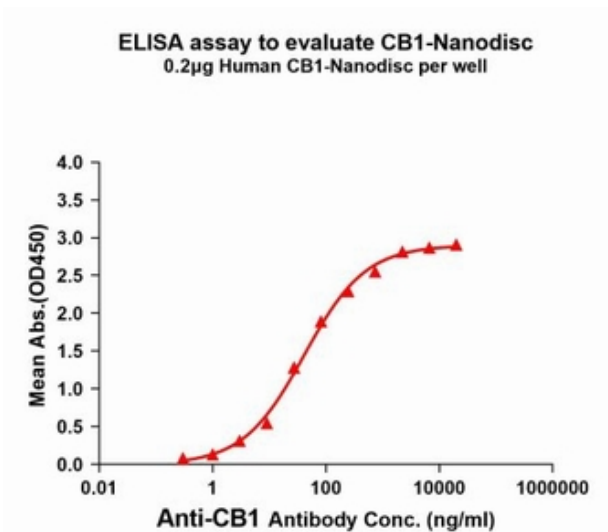


Figure1. Elisa plates were pre-coated with Flag Tag CB1-Nanodisc (0.2 µg/per well). Serial diluted anti-CB1 monoclonal antibody (28488) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CB1 monoclonal antibody binding with CB1-Nanodisc is 41.62ng/ml.

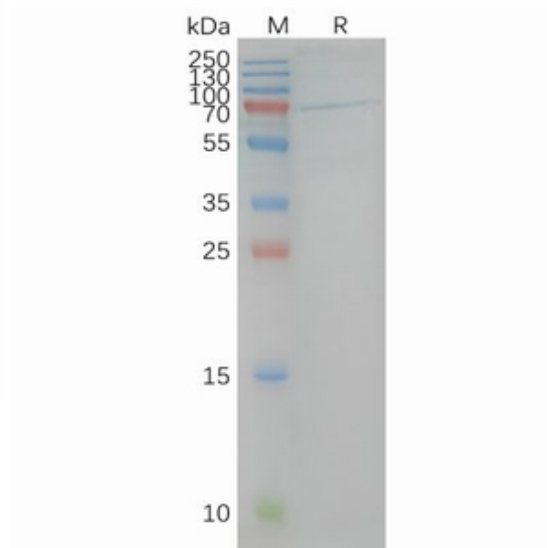


Figure2. Human CB1-Nanodisc, Flag Tag on SDS-PAGE