

HUMAN CB1 FULL LENGTH PROTEIN

目录: 11007

产品名称: Human CB1 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

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

Target: CB1

UNIPROT ID: P21554

描述: Human 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.

Species/Host: HEK293

Molecular Weight: 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.

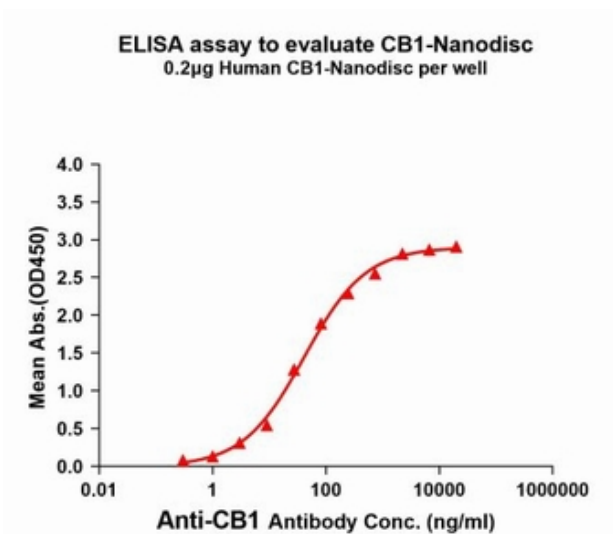


Figure1. Elisa plates were pre-coated with Flag Tag CB1-Nanodisc (0.2 µg/per well). Serial diluted CB1 monoclonal antibody (28488) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for CB1 monoclonal antibody binding with CB1-Nanodisc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

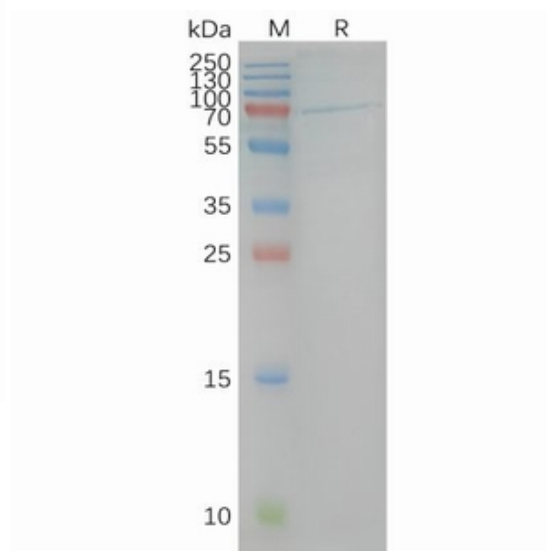


Figure2. Human CB1-Nanodisc, Flag Tag on SDS-PAGE