

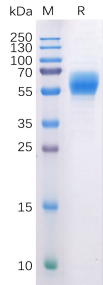
Recombinant Human Cannabinoid Receptor I Protein (Fc Tag) (A318227)

Specifications:

Name:	Recombinant Human Cannabinoid Receptor I Protein (Fc Tag)
Description:	This protein is constructed from the following Cannabinoid Receptor I sequences: (Met1-Gln116) (Asp176-Asn187) (Asn256-Glu273) (Asp366-Thr377). The human Fc tag consists of amino acids Glu99-Ala330.
Applications:	ELISA, SDS-PAGE
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Sequence:	CB1(Met1-Gln116)(Asp176-Asn187)(Asn256-Glu273)(Asp366-Thr377)+hFc(Glu99-Ala330)
Tag:	C-terminal Human Fc Tag
Molecular Weight:	The protein has a predicted molecular mass of 44.2 kDa after removal of the signal peptide. The apparent molecular mass of CB1-hFc is approximately 70-100 kDa due to glycosylation.
Conjugate:	Unconjugated
Purity:	> 95%, by SDS-PAGE and Coomassie blue staining.
Product Form:	Lyophilized
Concentration:	Reconstitution dependent.
Formulation:	Lyophilized from sterile Phosphate Buffered Saline, pH 7.4. Normally 5%-8% Trehalose is added as a protectant before lyophilization.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

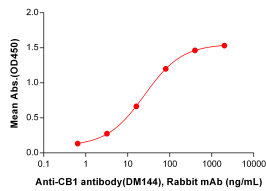
Recombinant Human Cannabinoid Receptor I Protein (Fc Tag) (A318227)

Images:



Recombinant Human Cannabinoid Receptor I Protein (Fc Tag) (A318227) on SDS-PAGE under reducing conditions.

Human CB1 Protein, hFc Tagged protein ELISA
0.2 µg of Human CB1, hFc tagged protein per well



ELISA plates were pre-coated with 2 µg/ml (100 µl/well) Recombinant Human Cannabinoid Receptor I Protein (Fc Tag) (A318227) which can bind Anti-Cannabinoid Receptor I Antibody [DM144] - Azide free (A318564) in a linear range of 3.20-16 µg/ml.