

Recombinant Human CNR1 Full Length Transmembrane protein(VLPs)

Cat. No. CNR1-27H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNR1 Full Length Transmembrane protein(VLPs)(P21554-1)(Met1-Leu472) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu472
Tag	Non
Form	Supplied as 0.22um filtered solution in PBS, 300mM L-Arginine (pH 7.4).
Bio-activity	Immobilized Human Cannabinoid receptor 1 VLP at 5ug/ml (100ul/well) on the plate. Dose response curve for Anti-CB1 Antibody, hFc Tag with the EC50 of 14.6ng/ml determined by ELISA.
Molecular Mass	The target protein has a predicted MW of 52.9 kDa.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C.; Recommend to

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aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CNR1 cannabinoid receptor 1 \(brain\) \[Homo sapiens \]](#)

Official Symbol [CNR1](#)

Synonyms CNR1; cannabinoid receptor 1 (brain); CNR; cannabinoid receptor 1; CANN6; CB R; CB1; CB1A; CB1K5; central cannabinoid receptor; CB-R; CB1R;

Gene ID [1268](#)

mRNA Refseq [NM_001160226](#)

Protein Refseq [NP_001153698](#)

MIM [114610](#)

UniProt ID [P21554](#)

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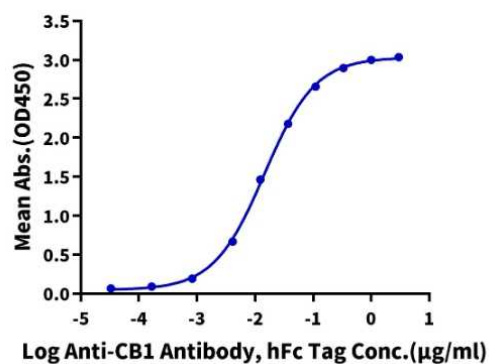
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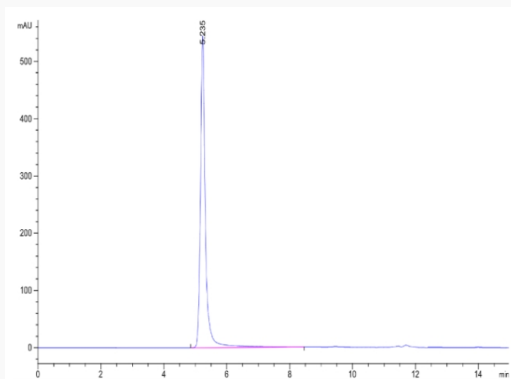
Activity

Human Cannabinoid receptor 1 VLP ELISA

0.5µg Human Cannabinoid receptor 1 VLP Per Well



SEC-HPLC



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