

CNR1 Protein-VLP, Human (HEK293, His)

Cat. No.:	HY-P700408
Synonyms:	cannabinoid receptor 1 (brain); CNR; cannabinoid receptor 1; CANN6; CB R; CB1; CB1A; CB1K5; central cannabinoid receptor; CB-R; CB1R;
Species:	Human
Source:	HEK293
Accession:	P21554 (M1-L472)
Gene ID:	1268
Molecular Weight:	54.6 kDa

PROPERTIES

AA Sequence	<pre> M K S I L D G L A D T T F R T I T T D L L Y V G S N D I Q Y E D I K G D M A S K L G Y F P Q K F P L T S F R G S P F Q E K M T A G D N P Q L V P A D Q V N I T E F Y N K S L S S F K E N E E N I Q C G E N F M D I E C F M V L N P S Q Q L A I A V L S L T L G T F T V L E N L L V L C V I L H S R S L R C R P S Y H F I G S L A V A D L L G S V I F V Y S F I D F H V F H R K D S R N V F L F K L G G V T A S F T A S V G S L F L T A I D R Y I S I H R P L A Y K R I V T R P K A V V A F C L M W T I A I V I A V L P L L G W N C E K L Q S V C S D I F P H I D E T Y L M F W I G V T S V L L L F I V Y A Y M Y I L W K A H S H A V R M I Q R G T Q K S I I I H T S E D G K V Q V T R P D Q A R M D I R L A K T L V L I L V V L I I C W G P L L A I M V Y D V F G K M N K L I K T V F A F C S M L C L L N S T V N P I I Y A L R S K D L R H A F R S M F P S C E G T A Q P L D N S M G D S D C L H K H A N N A A S V H R A A E S C I K S T V K I A K V T M S V S T D T S A E A L </pre>
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CNR1 at 10 µg/mL can bind Anti-CNR1 recombinant antibody, the EC ₅₀ is <85 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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