

Proteoliposomes

Full-Length

CNR1 (Human) Recombinant Protein

Catalog # H00001268-G01

Size 10 ug

Specification

Product Description

Human CNR1 full-length ORF (NP_057167.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MKSILDGLADTTTFRITITDLLYVGSNDIQYEDIKGDMSKLGYPQKFPLTSFRGSPFQEKMTAGDN
PQLVPADQVNITEFYNKSLSSEFKENEENIQCGENFMDIECFMVLNPSQQLAIAVLSLTGTFVLEN
LLVLCVILHSRSLRCRPSYHFIGSLAVADLLGSVIFVYSFIDFHVHFKDSRNVFLFKLGGVTASFTA
SVGSLFLTAIDRYSIHRPLAYKRIVTRPKAVVAFCLMWTIAMIAVLPLLGNWCEKLQSVCSDFPHID
ETYLMFWIGVTSVLLLFVYAYMYLWKAHSHAVRMIQRGTQKSIHHTSEDGKVQVTRPDQARMDIRL
AKTLVLILVLIICWGPLLAIMVYDVFGKMNKLIKTVFAFCMLCLLNSTVNPPIYALRSKDLRHAFRS
MFPSCGTAQPLDNSMGDSDCLHKHANNAASVHRAAESCIKSTVKIAKVTMSVSTDTSAEAL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

52.9

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CNR1

Entrez GeneID	1268
GeneBank Accession#	NM_016083.3
Protein Accession#	NP_057167.2
Gene Name	CNR1
Gene Alias	CANN6, CB-R, CB1, CB1A, CB1K5, CB1R, CNR
Gene Description	cannabinoid receptor 1 (brain)
Omim ID	114610
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of two cannabinoid receptors. 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. [provided by RefSeq]
Other Designations	OTTHUMP00000016838 OTTHUMP00000016839 OTTHUMP00000016840 central cannabinoid receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Affective Disorders](#)
- [Alcohol Withdrawal Delirium](#)
- [Alcohol Withdrawal Seizures](#)
- [Alcoholism](#)

- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Arousal](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cocaine-Related Disorders](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Cues](#)
- [Delirium](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Dyslipidemias](#)
- [Eating Disorders](#)
- [Edema](#)
- [Epilepsy](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Heroin Dependence](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Liver Cirrhosis](#)
- [Low Back Pain](#)
- [Marijuana Abuse](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Mood Disorders](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [NARP](#)
- [Neovascularization](#)
- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Paranoid Disorders](#)
- [Parkinson disease](#)
- [Polycystic Ovary Syndrome](#)

- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Sciatica](#)
- [Seizures](#)
- [Social Perception](#)
- [Stress Disorders](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)
- [Weight Gain](#)
- [Weight Loss](#)