

Proteoliposomes

Full-Length

CNR2 (Human) Recombinant Protein

Catalog # H00001269-G01

Size 2 ug

Specification

Product Description	Human CNR2 full-length ORF (NP_001832.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MEECWVTEIANGSKDGLDSNPMKDYMLSGPQKTAVAVLCTLLGLLSALENAVAVLYLILSSHQLRR KPSYLFIGSLAGADFLASVVFACSFVNFHVFHGVDSKAVFLLKIGSVTMTFTASVGSLLLTAIDRYL CLRYPPSYKALLTRGRALVTLGIMWVLSALVSYLPLMGWTCCPRPCSELFPLIPNDYLLSWLLFI LFSGIITYGHVLWKAHQHVASLSGHQDRQVPGMARMRLDVRLAKTLGLVLAVLLICWFPVLALM AHSLATTLSDQVKKAFACSMCLINSMVNPVIYALRSGEIRSSAHHCLAHWKKCVRGLGSEAKE EAPRSSVTETeadgKITPWPDSRDLDLSDC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.7
Interspecies Antigen Sequence	Mouse (83); Rat (81)
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 — CNR2

Entrez GeneID	1269
GeneBank Accession#	NM_001841.1
Protein Accession#	NP_001832.1
Gene Name	CNR2
Gene Alias	CB2, CX5
Gene Description	cannabinoid receptor 2 (macrophage)
Omim ID	605051
Gene Ontology	Hyperlink
Gene Summary	The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors. [provided by RefSeq]
Other Designations	OTTHUMP00000015772 OTTHUMP00000044841

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Liver Cirrhosis](#)
- [Myocardial Infarction](#)
- [NARP](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Schizophrenia](#)
- [Startle Reaction](#)
- [Substance-Related Disorders](#)