

Active Recombinant Human CNR1 Full Length Transmembrane protein, His-tagged

Cat. No. CNR1-718H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNR1 protein(P21554)(1-472aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-472aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CNR1 at 10 µg/mL can bind Anti-CNR1 recombinant antibody, the EC50 is 41.72-63.54 ng/mL.
Molecular Mass	54.6 kDa
AA Sequence	MKSILDGLADTTTERTITTDLLYVGSNDIQYEDIKGDMSKLGYPQKFPLTSFRGSPF QEKMTAGDNPQLVPADQVNITEFYNNKSLSSFKENEENIQCGENFMDIECFMVLNPS QQLAIAVLSLTGLTFTVLENLLVLCVILHSRSLRCRPSYHFIGSLAVADLLGSVIFVYSFI DFHVFHRKDSRNVFLFKLGGVTASFTASVGSFLTAIDRYISHRPLAYKRIVTRPKAV VAFCMLMWTIAIVIAVLPLLGWNCEKLQSVCSDFPHIDETYLMEFWIGVTSVLLLFIVYAY

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MYILWKAHSHAVRMIQRGTQKSIIIHTSEDGKVQVTRPDQARMDIRLAKTLVLILVLLII
CWGPLLAIMVYDVFGKMNKLIKTVFAFCFMLCLLNSTVNPIIYALRSKDLRHAFRSMF
PSCEGTAQPLDNSMGDSDCLHKHANNAASVHRAAESCICKSTVKIAKVTMSVSTDTS
AEAL

Endotoxin Less than 1.0 EU/ug as determined by LAL method.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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

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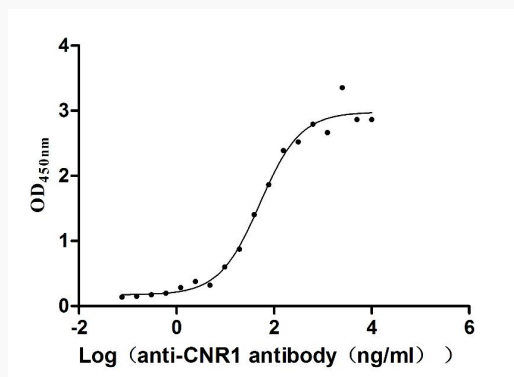
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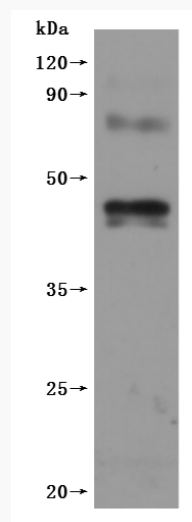
UniProt ID

P21554

Activity



SDS-PAGE



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