

CNR2 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP21180a**Specification**

CNR2 Blocking Peptide (N-term) - Product InformationPrimary Accession [P34972](#)**CNR2 Blocking Peptide (N-term) - Additional Information****Gene ID** 1269**Other Names**

Cannabinoid receptor 2, CB-2, CB2, hCB2, CX5, CNR2, CB2A, CB2B

Target/Specificity

The synthetic peptide sequence is selected from aa 18-33 of HUMAN CNR2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CNR2 Blocking Peptide (N-term) - Protein Information**Name** CNR2**Synonyms** CB2A, CB2B**Function**

Heterotrimeric G protein-coupled receptor for endocannabinoid 2-arachidonoylglycerol mediating inhibition of adenylate cyclase. May function in inflammatory response, nociceptive transmission and bone homeostasis.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell projection, dendrite. Perikaryon Note=Localizes to apical dendrite of pyramidal neurons.

Tissue Location

Preferentially expressed in cells of the immune system with higher expression in B-cells and NK cells (at protein level). Expressed in skin in suprabasal layers and hair follicles (at protein level). Highly expressed in tonsil and to a lower extent in spleen, peripheral blood mononuclear cells, and thymus. PubMed:14657172 could not detect expression in normal brain. Expressed in brain by

perivascular microglial cells and dorsal root ganglion sensory neurons (at protein level). Two isoforms are produced by alternative promoter usage and differ only in the 5' UTR: isoform CB2A is observed predominantly in testis with some expression in brain, while isoform CB2B is predominant in spleen and leukocytes

CNR2 Blocking Peptide (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CNR2 Blocking Peptide (N-term) - Images

CNR2 Blocking Peptide (N-term) - Background

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CNR2 Blocking Peptide (N-term) - References

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Warren C.N.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
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