

## Recombinant Human CNR2 protein(Met1-Cys360)

**Cat. No.** CNR2-738H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CB2/CNR2 (P34972) (Met1-Cys360) was expressed in HEK293.                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-360 aa                                                                                                                                                                                                                                        |
| <b>Form</b>             | Supplied as sterile 50mM Hepes, 150mM NaCl, 10% Trehalose, pH 7.2. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                     |
| <b>Molecular Mass</b>   | The recombinant human CB2/CNR2 consists of 360 amino acids and predicts a molecular mass of 39.68 kDa.                                                                                                                                          |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                        |
| <b>Purity</b>           | > 95 % as determined by SEC-HPLC.                                                                                                                                                                                                               |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                        |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

|                 |                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------|
| Gene Name       | CNR2 cannabinoid receptor 2 (macrophage) [ Homo sapiens ]                                                            |
| Official Symbol | CNR2                                                                                                                 |
| Synonyms        | CNR2; cannabinoid receptor 2 (macrophage); cannabinoid receptor 2; CB2; testis-dominant CNR2 isoform CB2; CX5; CB-2; |
| Gene ID         | 1269                                                                                                                 |
| mRNA Refseq     | NM_001841                                                                                                            |
| Protein Refseq  | NP_001832                                                                                                            |
| MIM             | 605051                                                                                                               |
| UniProt ID      | P34972                                                                                                               |

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