

## CB2/CNR2-VLP Protein, Human, Recombinant

### General Information

Synonyms:	CB2;CB-2;CX5
Protein Construction:	A DNA sequence encoding the human CB2/CNR2 (P34972) (Met1-Cys360) was expressed. Predicted N terminal: Met 1
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P34972
Molecular Weight:	39.68 kDa (predicted)

### QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Supplied as sterile solution in 50 mM HEPES, 150 mM NaCl, 10% Trehalose, pH 7.2.

### Preparation and Storage

#### Stability & Storage:

It is recommended to store the product under sterile conditions at -70°C or lower. Samples are stable for up to 12 months at -80°C. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Proteins are shipped with blue ice.

### Protein Background

Genetic variants within the CNR2 gene encoding the cannabinoid receptor CB2 are associated with osteoporosis and low bone mineral density (BMD) in case-control studies. There is a possibility that genetic variants of the CNR1 gene may produce a liability to the complication of psychotic state after abuse of methamphetamine.

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