

CB2/CNR2 Protein, Human, Recombinant (His)

General Information

Synonyms: Cannabinoid receptor 2;hCB2;CX5;CB2;CNR2;CB-2;CB2A;CB2B

Protein Construction: 1-360 aa

Species: Human

Expression Host: in vitro E.coli expression system

Accession: P34972

Molecular Weight: 42.5 kDa (Predicted); 42 kDa (Reducing condition)

MEECWVTEIANGSKDGLDSNPMKDYMILSGPQKTAVAVLCTLLGLLSALENVAVLYLILSSHQLRRKPSYLFIG
SLAGADFLASVVFACSFVNFHFVHGVDSKAVFLLKIGSVTMTFTASVGSLLLTAIDRYLCLRYPPSYKALLTRGR
AA Sequence: ALVTLGIMWVLSALVSYLPLMGWTCCPRPCSELFPLIPNDYLLSWLLFIAFLFSGIITYGHVLWKAHQHVASLS
GHQDRQVPGMARMRLDVRRLAKTLGLVLAVLLICWFPVLALMAHSLATLSDQVKKAFACSMCLCLNSMVNP
VIYALRSGEIRSSAHHCLAHWKCKVRGLGSEAKEEAPRSSVTETETADGKITPWPDSRDLDLSDC

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it.

Purity: >85% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Lyophilized from a 0.2 μm sterile filtered PBS,0.05% Brij-78,6% Trehalose, pH 7.4

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481