Delivery

Background



PRODUCT INFORMATION

Target CA2D3

Synonyms HSA272268

DescriptionHuman CA2D3 full length protein-synthetic

nanodisc 6~8weeks

Uniprot ID Q8IZS8
Expression Host HEK293

Protein Families Ion Channels: Other

Protein Pathways N/A

Molecular Weight

The human full length CA2D3 protein has a MW of

123kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions. Do not use solvents with pH lower than 6.5 in subsequent experiments. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

Storage & Shipping intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

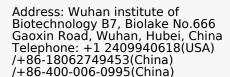
temperature.

This gene encodes a member of the alpha-2/delta subunit family, a protein in the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Various versions of each of these subunits exist, either expressed from similar genes or the result of

alternative splicing. Research on a highly similar protein in rabbit suggests the protein described in this record is cleaved into alpha-2 and delta subunits. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by

RefSeq, Jul 2008]

Usage Research use only



'

Email: info@dimabio.com Website: www.dimabio.com

