

PRODUCT INFORMATION

Tag C-Flag&Strep Tag

Target CLCN7

Synonyms CLC-7, CLC7, HOD, OPTA2, OPTB4, PPP1R63

DescriptionHuman CLCN7-Strep full length protein-synthetic

nanodisc 6~8weeks

Delivery 6∼8weeks
Uniprot ID P51798
Expression Host HEK293

Protein Families Ion Channels: Other

Protein Pathways N/A

Storage & Shipping

Background

Molecular Weight

The human full length CLCN7-Strep protein has a

MW of 88.7 kDa

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 processing the control of the c

Formulation & Reconstitution | Iyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

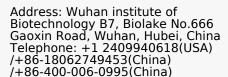
temperature.

The product of this gene belongs to the CLC chloride channel family of proteins. Chloride channels play important roles in the plasma membrane and in intracellular organelles. This gene encodes chloride channel 7. Defects in this gene are the cause of osteopetrosis autosomal recessive type 4 (OPTB4), also called infantile malignant osteopetrosis type 2 as well as the cause of autosomal dominant osteopetrosis type 2 (OPTA2), also called autosomal defends the cause of autosomal dominant osteopetrosis type

2 (OPTA2), also called autosomal dominant Albers-Schonberg disease or marble disease autosoml dominant. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. OPTA2 is the most common form of osteopetrosis, occurring in adolescence or

adulthood. [provided by RefSeq, Jul 2008]

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Conjugate Unconjugated



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