Delivery



PRODUCT INFORMATION

Target ATNG

Synonyms ATP1G1, HOMG2

DescriptionHuman ATNG full length protein-synthetic

nanodisc 6~8weeks

Uniprot ID P54710 Expression Host HEK293

Protein Families Ion Channels: Other

Protein Pathways N/A

Storage & Shipping

Molecular Weight The human full length ATNG protein has a MW of

7.3kDa

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 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 FXYD family of transmembrane proteins. This particular protein encodes the sodium/potassium-

transporting ATPase subunit gamma. Mutations in this gene have been associated with Renal

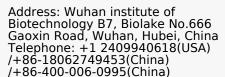
Background

Hypomagnesemia-2. Alternatively spliced transcript variants have been described. Readthrough transcripts have been observed between

this locus and the upstream FXYD domaincontaining ion transport regulator 6 (FXYD6, GenelD 53826) locus.[provided by RefSeq, Feb

2011]

Usage Research use only



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