

PRODUCT INFORMATION

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| Tag | C-Flag&Strep Tag |
| Target | CCG6 |
| Synonyms | N/A |
| Description | Human CCG6-Strep full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | Q9BXT2 |
| Expression Host | HEK293 |
| Protein Families | Ion Channels: Other |
| Protein Pathways | N/A |
| Molecular Weight | The human full length CCG6-Strep protein has a MW of 28.1 kDa |
| Formulation & Reconstitution | 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 a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| Storage & Shipping | 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. |
| Background | Voltage-dependent calcium channels are composed of five subunits. The protein encoded by this gene represents one of these subunits, gamma, and is one of two known gamma subunit proteins. This particular gamma subunit is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members that function as transmembrane AMPA receptor regulatory proteins (TARPs). Alternative splicing results in multiple transcript variants. Variants in this gene have been associated with aspirin-intolerant asthma. [provided by RefSeq, Dec 2010] |
| Usage | Research use only |
| Conjugate | Unconjugated |

