Human KCNE1 full length protein-synthetic nanodisc

Cat. No. FLP100637

## PRODUCT INFORMATION

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|---|---|
| **Tag** | **Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806**<br>C-Flag Tag |
| **Target** | KCNE1 |
| **Synonyms** | ISK, JLNS, JLNS2, LQT2/5, LQT5, MinK |
| **Description** | Human KCNE1 full length protein-synthetic nanodisc |
| **Delivery** | 6~8weeks |
| **Uniprot ID** | P15382 |
| **Expression Host** | HEK293 |
| **Protein Families** | Ion Channels: Other |
| **Protein Pathways** | N/A |
| **Molecular Weight** | The human full length KCNE1 protein has a MW of 14.7kDa |
| **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 |
| **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** | The product of this gene belongs to the potassium channel KCNE family. Potassium ion channels are essential to many cellular functions and show a high degree of diversity, varying in their electrophysiologic and pharmacologic properties. This gene encodes a transmembrane protein known to associate with the product of the KVLQT1 gene to form the delayed rectifier potassium channel. Mutation in this gene are associated with both Jervell and Lange-Nielsen and Romano-Ward forms of long-QT syndrome. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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