

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag                          | <b>Warning:</b> Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806<br>C-Flag Tag                      |
| Target                       | ZACN                                                                                                                                                                                                                                                |
| Synonyms                     | L2, LGICZ, LGICZ1, ZAC, ZAC1                                                                                                                                                                                                                        |
| Description                  | Human ZACN full length protein-synthetic nanodisc                                                                                                                                                                                                   |
| Delivery                     | 6~8weeks                                                                                                                                                                                                                                            |
| Uniprot ID                   | Q401N2                                                                                                                                                                                                                                              |
| Expression Host              | HEK293                                                                                                                                                                                                                                              |
| Protein Families             | Ion Channels: Other                                                                                                                                                                                                                                 |
| Protein Pathways             | N/A                                                                                                                                                                                                                                                 |
| Molecular Weight             | The human full length ZACN protein has a MW of 45.8kDa                                                                                                                                                                                              |
| 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 of reconstitution.    |
| 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                   | LGICZ1 is a zinc-activated ligand-gated ion channel that defines a new subgroup of the cysteine-loop superfamily of ligand-gated ion channels (Davies et al., 2003 [PubMed 12381728]).[supplied by OMIM, Mar 2008]                                  |
| Usage                        | Research use only                                                                                                                                                                                                                                   |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                        |

