

PRODUCT INFORMATION

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|------------------------------|--|
| Tag                          | C-Flag&Strep Tag   |
| Target                       | CLIC2  |
| Synonyms                     | CLCNL2, CLIC2b, MRXS32, XAP121   |
| Description                  | Human CLIC2-Strep full length protein-synthetic nanodisc   |
| Delivery                     | 6~8weeks   |
| Uniprot ID                   | O15247   |
| Expression Host              | HEK293   |
| Protein Families             | Ion Channels: Other  |
| Protein Pathways             | N/A  |
| Molecular Weight             | The human full length CLIC2-Strep protein has a MW of 28.4 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 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                   | This gene encodes a chloride intracellular channel protein. Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. This protein plays a role in inhibiting the function of ryanodine receptor 2. A mutation in this gene is the cause of an X-linked form of cognitive disability. [provided by RefSeq, Jul 2017] |
| Usage                        | Research use only  |
| Conjugate                    | Unconjugated   |

