Human CLTR1 full length protein-synthetic nanodisc

Cat. No. FLP100224

## 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** | CLTR1 |
| **Synonyms** | CYSLT1, CYSLT1R, CYSLTR, HMTMF81 |
| **Description** | Human CLTR1 full length protein-synthetic nanodisc |
| **Delivery** | 6~8weeks |
| **Uniprot ID** | Q9Y271 |
| **Expression Host** | HEK293 |
| **Protein Families** | GPCR,Transmembrane,Druggable Genome, |
| **Protein Pathways** | GPCRDB Class A Rhodopsin-like,Cancer,Asthma,Autoimmune & Inflammatory Response, |
| **Molecular Weight** | The human full length CLTR1 protein has a MW of 38.5kDa |
| **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** | This gene encodes a member of the G-protein coupled receptor 1 family. The encoded protein is a receptor for cysteinyl leukotrienes, and is involved in mediating bronchoconstriction via activation of a phosphatidylinositol-calcium second messenger system. Activation of the encoded receptor results in contraction and proliferation of bronchial smooth muscle cells, eosinophil migration, and damage to the mucus layer in the lung. Upregulation of this gene is associated with asthma and dysregulation may also be implicated in cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com