

PRODUCT INFORMATION

| | |
|---|--|
| Tag | C-Flag&Strep Tag |
| Expression Host | HEK293 |
| Target | LT4R2 |
| Synonyms | BLT2, BLTR2, JULF2, KPG_004, LTB4-R 2, LTB4-R2, NOP9 |
| Description | Human LT4R2-Strep full length protein-synthetic nanodisc |
| Uniprot ID | Q9NPC1 |
| Protein Families | GPCR,Transmembrane,Druggable Genome, |
| Protein Pathways | GPCRDB Other,Asthma,Autoimmune & Inflammatory Response, |
| Molecular Weight | The human full length LT4R2-Strep protein has a MW of 37.9 kDa |
| Delivery | 6~8weeks |
| 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. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| 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 | Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |

