

Product Information

NativeExtract™ Human CYSLTR2 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX288**

This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human CYSLTR2 protein in native nanodisc form. The synthetic compound we developed can solubilize the CYSLTR2 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

CYSLTR2

Protein Length

Full length

Molecular Weight

39.6kDa

Sequence

Accession # [Q9NS75](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

Target**Target Protein**

CYSLTR2

Full Name

Cysteinyl leukotriene receptor 2

Introduction

The cysteinyl leukotrienes LTC₄, LTD₄, and LTE₄ are important mediators of human bronchial asthma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 receptors, the protein encoded by this gene and CYSLTR1. This encoded receptor is a member of the superfamily of G protein-coupled receptors. It seems to play a major role in endocrine and cardiovascular systems.

Alternative Names

HG57; CYSLT2; GPCR21; HPN321; CYSLT2R; KPG_011; hGPCR21; PSEC0146; G-protein coupled receptor GPCR21; G-protein coupled receptor HG57; cysteinyl leukotriene CysLT2 receptor; CYSLTR2; Cysteinyl leukotriene receptor 2

Gene ID

[57105](#)

UniProt ID

[Q9NS75](#)