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Product Information

MemDX™ Membrane Protein Human CYSLTR2 (Cysteinyl leukotriene receptor 2) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX3400K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human CYSLTR2 membrane protein expressed *in vitro E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
CYSLTR2

Protein Length
Full Length

Protein Class
GPCR

TMD
7

Sequence
MERKFMSLQPSISVSEMEPNGTFSNNNSRNCTIENFKREFFPIVYLIIFFWGVLGNGLSIYVFLQPYKKSTSVNVFMLNLAISDLLFIST

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

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

Gene ID

57105

UniProt ID

Q9NS75