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Product Information

MemDX™ Membrane Protein Human CYSLTR2 (Cysteinyl leukotriene receptor 2) Full Length

Cat. No.: **MPC0078K**
This product is for research use only and is not intended for diagnostic use.

This product is a 39.6 kDa Human CYSLTR2 membrane protein expressed in Baculovirus/Insect 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

Molecular Weight
39.6 kDa

TMD
7

Sequence
MERKFMSLQPSISVSEMEPNGTFSNNNSRNCTIENFKREFFPIVYLIIFF
WGVLGNGLSIYVFLQPYKKSTSVNVFMLNLAISDLLFISTLPFRADYYLR
GSNWIFGDLACRIMSYSLYVNMYSSIYFLTVLSVVRFLAMVHPFRLLHVT
SIRSAWILCGIIWILIMASSIMLLDSGSEQNGSVTSCLELNLYKIAKLQT
MNYIALVVGCLLPFFTLSICYLLIIRVLLKVEVPESGLRVSHRKALTTII
ITLIIFFLCFLPYHTLRTVHLTTWKVGLCKDRLHKALVITLALAAANACF
NPLLYYFAGENFKDRLKSALRKGHPQKAKTKCVFPVSVWLRKETRV

Product Description

Expression Systems
Baculovirus/Insect expression system

Tag
Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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

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