

Product Information

MemDX™ Antibody Discovery - Human LILRA2 / CD85h / ILT1 (24-449) Membrane Protein, Partial, -His -Avi tag, [Biotin]

Cat. No.: **MP0607F**

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

This membrane protein is Human LILRA2 / CD85h / ILT1 (24-449). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

LILRA2 / CD85h / ILT1

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 50.7 kDa. The protein migrates as 67-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Gly 24 - Asn 449 (Accession # Q8N149-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

HEK293

Tag

His tag at the C-terminus, followed by an Avi tag.

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/µg by the LAL method

Conjugation

Biotin

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

LILRA2 / CD85h / ILT1

Full Name

leukocyte immunoglobulin like receptor A2

Introduction

This gene encodes a member of a family of immunoreceptors that are expressed predominantly on monocytes and B cells, and at lower levels on dendritic cells and natural killer cells. The encoded protein is an activating receptor that inhibits dendritic cell differentiation and antigen presentation and suppresses innate immune response. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and there is a pseudogene for this gene on chromosome 3.

Alternative Names

ILT1; LIR7; CD85H; LIR-7; leukocyte immunoglobulin-like receptor subfamily A member 2; CD85 antigen-like family member H; immunoglobulin-like transcript 1; leucocyte Ig-like receptor A2; leukocyte immunoglobulin-like receptor 7; leukocyte immunoglobulin-like receptor subfamily A member 2 soluble; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2

Gene ID

[11027](#)

UniProt ID

[Q8N149](#)