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Product Information

MemDX™ Antibody Discovery - Human LILRA5 / CD85f / ILT11 (42-268) Membrane Protein, Partial, -His -Avi tag, [Biotin]

Cat. No.: **MP0629F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human LILRA5 / CD85f / ILT11 (42-268). 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
LILRA5 / CD85f / ILT11

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 28.9 kDa. The protein migrates as 35-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Gly 42 - Arg 268 (Accession # A6NI73-1).

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

>95% 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 coditions after reconstitution after storage at -80°C.

Target

Target Protein

LILRA5 / CD85f / ILT11

Full Name

leukocyte immunoglobulin like receptor A5

Introduction

The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described.

Alternative Names

CD85; LIR9; CD85F; ILT11; LIR-9; ILT-11; LILRB7; leukocyte immunoglobulin-like receptor subfamily A member 5; CD85 antigen-like family member F; immunoglobulin-like transcript 11 protein; leucocyte Ig-like receptor A5; leukocyte Ig-like receptor 9; leukocyte immunoglobulin-like receptor 9; leukocyte immunoglobulin-like receptor subfamily A member 5 soluble; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 7

Gene ID

353514

UniProt ID

A6NI73