

Product Information

MemDX™ Membrane Protein Human LILRA5 (Leukocyte immunoglobulin like receptor A5) for Antibody Discovery

Cat. No.: **MP0637X**

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

This product is a 59.2 kDa Human LILRA5 membrane protein expressed in *in vitro* wheat germ 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

LILRA5

Protein Length

Full-length

Molecular Weight

59.2 kDa

TMD

1

Sequence

MAPWSHPSAQLQPVGDAVSPALMVLLCLGLSLGPRTHVQAGNLSKATLWAEPGSVISRGNSVTIRCQGTLEAQEYRLVKEGSPE

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

LILRA5

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 inhibitory 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

Gene ID

[353514](#)

UniProt ID

[A6NI73](#)