

## Product Information

### **MemDX™ Antibody Discovery - Human LILRA3 / CD85e (24-439) Membrane Protein, Partial, -His -Avi tag, [Biotin]**

Cat. No.: **MP0620F**

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

This membrane protein is Human LILRA3 / CD85e (24-439). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

#### Product Specifications

##### **Host Species**

Human

##### **Target Protein**

LILRA3 / CD85e

##### **Protein Length**

ECD

##### **Molecular Weight**

The protein has a calculated MW of 48.7 kDa. The protein migrates as 65-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

##### **Sequence**

AA Gly 24 - Glu 439 (Accession # AAH28208.1).

#### Product Description

##### **Application**

SDS-PAGE

##### **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 conditions after reconstitution after storage at -80°C.

**Target****Target Protein**

LILRA3 / CD85e

**Full Name**

leukocyte immunoglobulin like receptor A3

**Introduction**

This gene encodes a member of a family of immunoreceptors that are expressed predominantly in monocytes and B cells, and at lower levels in dendritic cells and natural killer cells. The encoded protein lacks the transmembrane region found in other members of this family. It acts as a soluble receptor for class I major histocompatibility complex (MHC) antigens. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and is polymorphic in human populations, with many individuals containing a deletion of this genomic region.

**Alternative Names**

HM31; HM43; ILT6; LIR4; CD85E; ILT-6; LIR-4; leukocyte immunoglobulin-like receptor subfamily A member 3; CD85 antigen-like family member E; immunoglobulin-like transcript 6; leucocyte Ig-like receptor A3; leukocyte immunoglobulin-like receptor 4; leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3; monocyte inhibitory receptor HM43/HM31

**Gene ID**

[11026](#)

**UniProt ID**

[Q8N6C8](#)