

# Product Information

## **MemDX™ Membrane Protein Human LYVE1 (Lymphatic vessel endothelial hyaluronan receptor 1) for Antibody Discovery**

Cat. No.: **MP0154Q**

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

This product is a 45 kDa Human LYVE1 membrane protein expressed in Insect. 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**

LYVE1

#### **Protein Length**

Full-length

#### **Protein Class**

Druggable Genome, Transmembrane

#### **Molecular Weight**

45 kDa

#### **TMD**

1

#### **Sequence**

MARCFSLVLLLTISIWTRLLVQGSLRAEELSIQVSCRIMGITLVSKKANQQLNFTEAKEACRLLGLSLAGKDQVETALKASFETCSYG

### Product Description

#### **Expression Systems**

Insect

#### **Tag**

His

#### **Form**

Powder

#### **Endotoxin**

< 0.1 ng per µg

**Purity**

>95% by SDS-PAGE and visualised by silver stain

**Buffer**

PBS

**Storage**

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

**Target****Target Protein**

LYVE1

**Full Name**

Lymphatic vessel endothelial hyaluronan receptor 1

**Introduction**

This gene encodes a type I integral membrane glycoprotein. The encoded protein acts as a receptor and binds to both soluble and immobilized hyaluronan. This protein may function in lymphatic hyaluronan transport and have a role in tumor metastasis.

**Alternative Names**

lymphatic vessel endothelial hyaluronic acid receptor 1; LYVE-1; Cell surface retention sequence-binding protein 1; cell surface retention sequence binding protein-1; extracellular link domain-containing 1; extracellular link domain-containing protein 1; Hyaluronic acid receptor; CRSBP-1; HAR; XLKD1

**Gene ID**

[10894](#)

**UniProt ID**

[Q9Y5Y7](#)