

Datasheet for ABIN4888440 **LYVE1 Protein**



[Go to Product page](#)

Overview

| | |
|---------------|--------------------|
| Quantity: | 20 µg |
| Target: | LYVE1 |
| Origin: | Mouse |
| Source: | Insect cells (Sf9) |
| Protein Type: | Recombinant |

Product Details

| | |
|------------------|--|
| Characteristics: | Purified recombinant Mouse LYVE1 protein Expression System: Sf-9 insect cells |
| Purity: | > 95 % pure |
| Endotoxin Level: | < 0.1 ng per µg of VEGF-C |

Target Details

| | |
|-------------------|--|
| Target: | LYVE1 |
| Alternative Name: | LYVE1 (LYVE1 Products) |

Background: LYVE-1 has been identified as a major receptor for HA (extracellular matrix glycosaminoglycan hyaluronan) on the lymph vessel wall. The deduced amino acid sequence of LYVE-1 predicts a 322-residue type I integral membrane polypeptide 41 % similar to the CD44 HA receptor with a 212-residue extracellular domain containing a single Link module the prototypic HA binding domain of the Link protein superfamily. Like CD44, the LYVE-1 molecule binds both soluble and immobilized HA.

Alternative Names: LYVE-1 protein, Lymphatic Endothelial Cell protein, LYVE 1 protein, LYVE-1

Target Details

protein, Lymphatic Vessel protein, LYVE1, LYVE-1, LYVE 1

Molecular Weight: 35-45 kDa

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in sterile water to a concentration > 0.05 mg/mL.

Buffer: Supplied as a lyophilized powder with no preservative.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C/-80 °C
