

## 32-9184: Recombinant Human LYVE-1 (C-His)

**Alternative Name** : Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1; LYVE-1; Cell Surface Retention Sequence-Binding Protein 1; CRSBP-1; Extracellular Link Domain-Containing Protein 1; Hyaluronic Acid Receptor; LYVE1; CRSBP1; HAR; XLKD1

### Description

Source : Human 293 Cells;

LYVE-1 is a receptor of hyaluronan (HA), a linear high molecular weight polymer. LYVE-1 is predominately expressed on both the luminal and abluminal surfaces of lymphatic vessels. It mediates cell behavior and functions during tissue remodeling, development, homeostasis, and disease. LYVE-1 modulates the endocytosis of HA and may transport HA from tissue to lymph by transcytosis, delivering HA to lymphatic capillaries for removal and degradation in the regional lymph nodes. Due to its selected expression patterns, LYVE-1, along with other lymphatic proteins such as VEGF R3, podoplanin and the homeobox protein prospero-related (Prox-1), constitute a set of markers useful for distinguishing between lymphatic and blood microvasculature.

### Product Info

**Amount** : 500 µg / 50 µg

**Content** : Lyophilized from a 0.2 um filtered solution of 20mM Tris-Citrate, 150mM NaCl, pH 7.0.

**Amino Acid** : Recombinant Human Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1 is produced by our Mammalian expression system and the target gene encoding Leu20-Thr238 is expressed with a 6His tag at the C-terminus.