

Active Recombinant Human LYVE1 Protein, C-6xHis tagged

Cat. No. LYVE1-33H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LYVE1 Protein with C-6xHis tag was expressed in Mouse myeloma cell line.
Species	Human
Source	NS0
Description	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.
Bio-activity	Measured by its ability to bind hyaluronan in a functional ELISA.
Molecular Mass	Predicted Molecular Mass: 24 kDa SDS-PAGE: 40-60 kDa, reducing conditions
N-terminal Sequence Analysis	Ser24
Endotoxin	< 1.0 EU/μg of the protein by the LAL method.
Purity	> 95%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied.

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1 month, 2 to 8 centigrade under sterile conditions after reconstitution.
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Storage Buffer Lyophilized from a 0.2 µm filtered solution in Tris-Citrate and NaCl.

Reconstitution Reconstitute at 100 µg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature.

GENE INFORMATION

Gene Name LYVE1 lymphatic vessel endothelial hyaluronan receptor 1 [Homo sapiens (human)]

Official Symbol LYVE1

Synonyms

LYVE1; lymphatic vessel endothelial hyaluronan receptor 1; extracellular link domain containing 1, XLKD1; lymphatic vessel endothelial hyaluronic acid receptor 1; LYVE 1; hyaluronic acid receptor; extracellular link domain containing 1; extracellular link domain-containing 1; extracellular link domain-containing protein 1; cell surface retention sequence binding protein-1; cell surface retention sequence-binding protein 1; HAR; XLKD1; LYVE-1; CRSBP-1;

Gene ID 10894

mRNA Refseq NM_006691

Protein Refseq NP_006682

MIM 605702

UniProt ID Q9Y5Y7

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