

Active Recombinant Human LYVE1 Protein, C-6×His tagged

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

SPECIFICATION

Product Overview	Recombinant Human LYVE1 Protein with C-6×His 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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