

Recombinant Human LYVE1 Protein, His-tagged

Cat. No. LYVE1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LYVE-1 (25-253 aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	220
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.
Form	Liquid
Molecular Mass	23.9 kDa
AA Sequence	LRAEELSIQVSCRIMGITLVSKKANQQLNFTEAKEACRLLGLSLAGKDQVETALKASF ETCSYGWVGDFVVISRISPNPKCGKNGVGVLRKVPVSRQFAAYCYNSSDTWTNS CIPEIITTKDPIFNTQTATQTTEFIVSDSTYSVASPYSTIPAPTTTPAPASTSIPRRKKLI CVTEVFMETSTMSTETEPFVENKAAFKNEAAGFGG
Endotoxin	< 1 EU/μg of protein (determined by LAL method)

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Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	20mM Tris-HCl buffer (pH 7.5) containing 10% glycerol

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; HAR; XLKD1; LYVE-1; CRSBP-1; lymphatic vessel endothelial hyaluronic acid receptor 1; cell surface retention sequence binding protein-1; extracellular link domain-containing 1; extracellular link domain-containing protein 1; hyaluronic acid receptor
Gene ID	10894
mRNA Refseq	NM_006691
Protein Refseq	NP_006682
MIM	605702
UniProt ID	Q9Y5Y7

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