Recombinant Human Lymphatic Vessel Endothelial Hyaluronan Receptor 1, His-tagge

Cat. No. LYVE1-5070H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LYVE1 was expressed in High Five insect cells and purified by conventional chromatography techniques.
Species	Human
Source	Human
Description	Lymphatic vascular endothelial hyaluronan receptor-1 (LYVE-1), a selective marker of the lymphatic endothelium, is a surface endocytic receptor for hyaluronan (HA), which is an extracellular glycosaminoglycan involved in cell adhesion and migration. LYVE1 is also known as XLKD1 and may function in lympathic hyaluronan transport and have a role in tumor metastasis.
Concentration	1 mg/ml
Form	Supplied as a liquid in 20mM Tris, pH 7.5, containing 10% glycerol.
Purity	> 90% by SDS - PAGE
Sequence	25-235 amino acids: ADPLRAEELS IQVSCRIMGI TLVSKKANQQ LNFTEAKEAC RLLGLSLAGK DQVETALKAS FETCSYGWVG DGFVVISRIS PNPKCGKNGV GVLIRKVPVS RQFAAYCYNS SDTWTNSCIP EIITTKDPIF NTQTATQTTE FIVSDSTYSV ASPYSTIPAP TTTPPAPAST SIPRRKKLIC VTEVFMETST MSTETEPFVE NKAAFKNEAA GFGG

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Molecular Mass	24.8 kDa (229 aa), confirmed by MALDI-TOF.
Applications	SDS-PAGE
Storage	Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or - 70 deg C for long term storage. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	LYVE1 lymphatic vessel endothelial hyaluronan receptor 1 [Homo sapiens]
Official Symbol	LYVE1
Synonyms	LYVE1; lymphatic vessel endothelial hyaluronan receptor 1; HAR; XLKD1; LYVE-1; CRSBP-1; hyaluronic acid receptor; extracellular link domain containing 1; extracellular link domain-containing 1; cell surface retention sequence binding protein-1; CRSBP1; UNQ230/PRO263; Extracellular link domain-containing protein 1
Gene ID	10894
mRNA Refseq	NM_006691
Protein Refseq	NP_006682
MIM	605702
UniProt ID	Q9Y5Y7
Chromosome Location	11p15
Function	Binding; hyaluronic acid binding; transmembrane receptor activity

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