

AR09058PU-L

Recombinant human LYVE-1 (aa 25-235), His-tagged

Alternate names:

CRSBP-1, CRSBP1, Cell surface retention sequence-binding protein 1, Extracellular link domain-containing protein 1, HAR, Hyaluronic acid receptor, LYVE1, Lymphatic vessel endothelial hyaluronic acid receptor 1, XLKD1

Quantity:

0.25 mg

Concentration:

1.0 mg/ml

Background:

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 lymphatic hyaluronan transport and have a role in tumor metastasis.

Uniprot ID:

[Q9Y5Y7](#)

NCBI:

[NP_006682.2](#)

GeneID:

[10894](#)

Species:

Human

Source:

High-5 Insect cells

Format:

State: Liquid purified protein

Purity: >90% by SDS-PAGE

Buffer System: 20 mM Tris pH 7.5, 10% Glycerol

Description:

Recombinant human LYVE1, fused to His-tag, was expressed in High Five insect cells and purified by conventional chromatography techniques.

AA Sequence:

ADPLRAEELS IQVSCRIMGI TLVSKKANQQ LNFTEAKEAC RLLGLSLAGK DQVETALKAS
FETCSYGWVG DGFVVISRIS PNPCKGKNGV GVLIRKVPVS RQFAAYCYNs SDTWTNSCIP
EIITTKDPIF NTQTATQTTE FIVSDSTYSV ASPYSTIPAP TTTTPAPAST SIPRRKKLIC
VTEVFMETST MSTETEPFVE NKAAPKNEAA GFGGSGRLVP RGSHHHHHHH

Molecular weight: 24.8 kDa (theoretical) (229 aa)

Add. Information:

As a result of glycosylation, the size of molecular weight will be shift-up as an approximately 50 kDa on SDS-PAGE analysis.

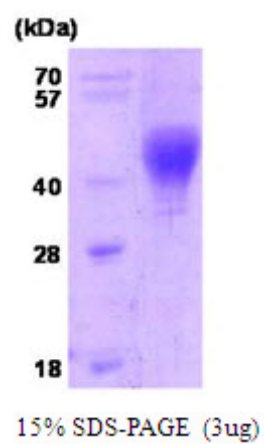
Storage:

Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Koukourakis MI. et al. (2006) J. Clin. Pathol. 58, 202-206.
Chen L. et al. (2005) Invest. Ophthalmol Vis. Sci. 46, 4536-4540.

Pictures:



LYVE1: 15% SDS-PAGE (3 μ g)

