

Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1 Recombinant Protein | LYVE-1 recombinant protein

Recombinant Human Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1 (25-235)

CATALOG # AAA38617	HOST High Five insect cells
------------------------------	---------------------------------------

PRODUCT SYNONYMS

Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1; Recombinant Human Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1 (25-235); LYVE1 Human 25-235 a.a.; Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1 (25-235 a.a) Human Recombinant; HAR; XLKD1; LYVE-1; CRSBP-1; LYVE1; Lymphatic vessel endothelial hyaluronic acid receptor 1 precursor; Cell surface retention sequence-binding protein 1; Hyaluronic acid receptor; Extracellular link domain-containing protein; LYVE-1 (25-235); LYVE-1 recombinant protein

PRODUCT SPECIFICATIONS

Host	High Five insect cells
Purity/Purification	Greater than 90.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The LYVE1 protein solution contains 20mM Tris buffer pH-7.5 and 10% Glycerol. Sterile Filtered colorless solution.
Sequence	DPLRAEELSI QVSCRIMGIT LVSKKANQQL NFTEAKEACR LLGLSLAGKD QVETALKASF ETCSYGWVGD GFVVISRISP NPKCGKNGVG VLIRKVPVSR QFAAYCYNSS DTWTNSCIPE IITTKDPIFN TQTATQTTEF IVSDSTYSVA SPYSTIPAPT TTPPAPASTS IPRRKKLICV TEVFMETSTM STETEPFVEN KAAFKNEAAG FGGSGRLVPR GSHHHHHH
Sequence Length	322
Preparation and Storage	LYVE1 although stable 4 degree C for 4 weeks, should be stored desiccated below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for LYVE-1 recombinant protein	Description: LYVE1 Human Recombinant produced in insect cells is a single, glycosylated polypeptide chain containing 229 amino acids and having a molecular mass of 24.8 kDa. As a result of glycosylation, the LYVE1 migrates on SDS-PAGE at approximately 50 kDa. Introduction: LYVE1 is a selective marker of the lymphatic endothelium & a surface endocytic receptor for both soluble and immobilized hyaluronan, LYVE1 is an extracellular glycosaminoglycan that plays a role in cell adhesion and migration. LYVE1 functions in lymphatic hyaluronan transport and is involved in tumor metastasis. Recombinant human LYVE1 was expressed in and purified by conventional chromatography techniques. The normal adult human choroid is endowed with a significant number of LYVE-1 positive macrophages. LYVE-1 is expressed in a reticulum cell neoplasm in an axillary lymph node. This reticulum cell sarcoma is a lymphatic sinus lining cell sarcoma which might represent another subtype of reticulum cell sarcomas. LYVE-1 immunohistochemistry is a functional method for detecting lymphatics invaded by cancer cells, and detailed examination of the submucosa around the tumor is important for predicting LN metastasis.
Product Categories/Family for LYVE-1 recombinant protein	Protein Kinases; Enzymes; LYVE1

NCBI AND UNIPROT INFORMATION

NCBI GI #	40549451
NCBI GeneID	10894

NCBI Accession #	NP_006682.2
NCBI GenBank Nucleotide #	NM_006691.3
UniProt Accession #	Q9Y5Y7 ; Q8TC18 ; Q9UNF4
Molecular Weight	35,213 Da
NCBI Official Full Name	lymphatic vessel endothelial hyaluronic acid receptor 1
NCBI Official Synonym Full Names	lymphatic vessel endothelial hyaluronan receptor 1
NCBI Official Symbol	LYVE1
NCBI Official Synonym Symbols	HAR; XLKD1; LYVE-1; CRSBP-1
NCBI Protein Information	lymphatic vessel endothelial hyaluronic acid receptor 1; cell surface retention sequence binding protein-1; cell surface retention sequence-binding protein 1; extracellular link domain containing 1; extracellular link domain-containing 1; extracellular link domain-containing protein 1
UniProt Protein Name	Lymphatic vessel endothelial hyaluronic acid receptor 1
UniProt Gene Name	LYVE1
UniProt Synonym Gene Names	CRSBP1; HAR; XLKD1; LYVE-1; CRSBP-1
UniProt Entry Name	LYVE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/lyve1-recombinant-protein-high-five-insect-cells/38617>