

LYVE1 Human

Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1 Human Recombinant
ENZ0789

Product Overview

Name LYVE1 Human

Description

Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1 Human Recombinant

Accession (Primary) [Q9Y5Y7](#)

Synonyms

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.

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.

Source

High Five insect cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The LYVE1 protein solution contains 20mM Tris buffer pH-7.5 and 10% Glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Amino acid sequence

DPL RAEELS IQVSCRIMGI TLVSKKANQQ LNFTEAKEAC RLLGLSLAGK DQVETALKAS FETCSYGWVG
DGFVVISRIS PNPKCGKNGV GVLIRKVPVS RQFAAYCYNS SDTWTNSCIP EIITTKDPIF NTQTATQTTE
FIVSDSTYSV ASPYSTIPAP TTPPPAPAST SIPRRKKLIC VTEVFMETST MSTETEPFVE NKAAFKNEAA GFGG
SGRLVP RGSHHHHHHH .

Precautions

LYVE1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([Q9Y5Y7](#))