Datasheet for ABIN7596410

LYVE1 Protein (AA 25-253) (His tag)

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Overview

Quantity:	500 µg
Target:	LYVE1
Protein Characteristics:	AA 25-253
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LYVE1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LRAEELS IQVSCRIMGI TLVSKKANQQ LNFTEAKEAC RLLGLSLAGK DQVETALKAS FETCSYGWVG DGFVVISRIS PNPKCGKNGV GVLIRKVPVS RQFAAYCYNS SDTWTNSCIP EIITTKDPIF NTQTATQTTE FIVSDSTYSV ASPYSTIPAP TTTPPAPAST SIPRRKKLIC VTEVFMETST MSTETEPFVE NKAAFKNEAA GFGG
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	LYVE1
Alternative Name:	LYVE-1 (LYVE1 Products)
Background:	LYVE-1 is also known as XLKD1 and may function in lympathic hyaluronan transport and have a

Target Details

	role in tumor metastasis. This Protein is a Link domain-containing hyaladherin, a protein capable of binding to hyaluronic acid (HA), homologous to CD44, the main HA receptor. It is primarily expressed on both the luminal and abluminal surfaces of lymphatic vessels but is also observed in normal liver blood sinusoids, and embryonic blood vessels. It is 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. Recombinant human LYVE-1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	23.9kDa (220aa)
NCBI Accession:	NP_006682
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.