

Product datasheet for DA3524

LYVE-1 Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	LYVE-1 mouse recombinant protein, 20 µg
Species:	Mouse
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	ADLVQDLSIS TCRIMGVALV GRNKNPQMNF TEANEACKML GLTLASRDQV ESAQKSGFET CSYGWVGEQF SVIPRIFSNP RCGKNGKGV L IWNAPSSQKF KAYCHNSSDT WVNSCIPEIV TTFYPVLDL TQ TPATEFSVSS SAYLASSPDS TTPVSATTRA PPLTSMARKT KKICITEVYT EPITMATETE AFVASGA AFK NEAAGHHHHHH
Predicted MW:	45 kDa
Purity:	>95% by SDS-PAGE and visualised by silver stain
Buffer:	Presentation State: Purified State: Lyophilized protein Buffer System: PBS Stabilizer: None
Endotoxin:	< 0.1 ng per µg of VEGF-C
Reconstitution Method:	Lyophilized sLYVE-1 is soluble in water and most aqueous buffers. The lyophilised sLYVE-1 should be reconstituted in PBS or medium to a concentration not lower than 50 µg/ml.
Preparation:	Lyophilized protein
Protein Description:	Recombinant Mouse Soluble LYVE-1-His. A DNA sequence encoding the extracellular domain of mouse LYVE-1 (Met1 - Gly228) was fused to a C-terminal His -tag (6xHis) and expressed in insect cells. Based on N-terminal sequence analysis, the primary structure of recombinant mature sLYVE-1 starts at Ala24. Result by N-terminal sequencing: ADLVQDLS Length: 211 amino acids.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.



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Stability:	Shelf life: one year from despatch.
RefSeq:	NP_444477
Locus ID:	114332
UniProt ID:	Q8BHC0
Cytogenetics:	7 E3
Synonyms:	1200012G08Rik; Crsbp-1; Lyve-1; Xlkd1
Summary:	Ligand-specific transporter trafficking between intracellular organelles (TGN) and the plasma membrane. Plays a role in autocrine regulation of cell growth mediated by growth regulators containing cell surface retention sequence binding (CRS). May act as a hyaluronan (HA) transporter, either mediating its uptake for catabolism within lymphatic endothelial cells themselves, or its transport into the lumen of afferent lymphatic vessels for subsequent re-uptake and degradation in lymph nodes.[UniProtKB/Swiss-Prot Function]

Product images:

