Recombinant Mouse lymphatic vessel endothelial hyaluronan receptor 1 Protein, His&Flag tagged

Cat. No. Lyve1-209M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse LYVE1 protein (Q8BHC0) (Ala 24-Thr 234) with both His, Flag tag at the C-terminus was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	24-234aa
Description	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. Binds to pericelluar hyaluronan matrices deposited on the surface of leukocytes and facilitates cell adhesion and migration through lymphatic endothelium.
Tag	C-His&Flag
Molecular Mass	25.3 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.

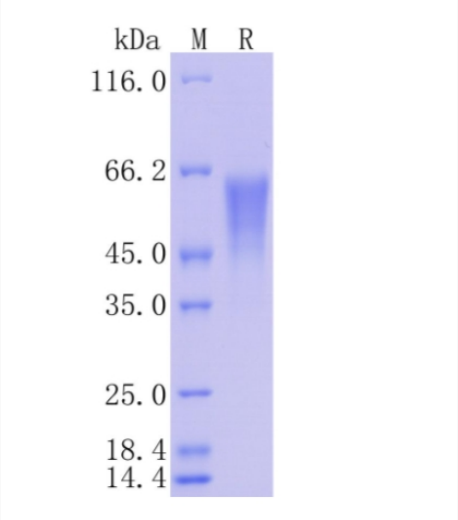
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Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 μg/mL in sterile water.

GENE INFORMATION

Gene Name	Lyve1 lymphatic vessel endothelial hyaluronan receptor 1 [Mus musculus (house mouse)]
Official Symbol	Lyve1
Synonyms	LYVE1; lymphatic vessel endothelial hyaluronan receptor 1; lymphatic vessel endothelial hyaluronic acid receptor 1; extra cellular link domain-containing 1; lymphatic vessel endothelial HA recptor-1; lymphatic vessel endothelial HA receptor-1; extracellular link domain-containing protein 1; cell surface retention sequence binding protein-1; cell surface retention sequence-binding protein 1; Xlkd1; Lyve-1; Crsbp-1; 1200012G08Rik;
Gene ID	114332
mRNA Refseq	NM_053247
Protein Refseq	NP_444477

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UniProt ID	Q8BHC0
Protein on SDS-PAGE under reducing (R) condition.	

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