

Recombinant Human LYVE1, Fc-tagged

Cat. No. LYVE1-28659TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment: LALLFFGAAA GLGFCYVKRY VKAFPFTNKN QQKEMIETKV VKEEKANDSN PNEESKKTDK NPEESKSPSK TTVRCLEAEV, corresponding to C terminal amino acids 243-322 of Human LYVE1 with tag.
Species	Human
Source	E.coli
ProteinLength	243-322 a.a.
Description	This gene encodes a type I integral membrane glycoprotein. The encoded protein acts as a receptor and binds to both soluble and immobilized hyaluronan. This protein may function in lymphatic hyaluronan transport and have a role in tumor metastasis.
Conjugation	Fc
Tissue specificity	Mainly expressed in endothelial cells lining lymphatic vessels.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	LALLFFGAAAGLGFCYVKRYVKAFFPTNKNQQKEMIETKVVKEEKANDSNPNEESKK TDKNPEESKSPSKTTVRCLEAEV
Sequence Similarities	Contains 1 Link domain.
GENE INFORMATION	
Gene Name	LYVE1 lymphatic vessel endothelial hyaluronan receptor 1 [Homo sapiens]
Official Symbol	LYVE1
Synonyms	LYVE1; lymphatic vessel endothelial hyaluronan receptor 1; extracellular link domain containing 1 , XLKD1; lymphatic vessel endothelial hyaluronic acid receptor 1; LYVE 1;
Gene ID	10894
mRNA Refseq	NM_006691
Protein Refseq	NP_006682
MIM	605702
Uniprot ID	Q9Y5Y7
Chromosome Location	11p15
Function	binding; hyaluronic acid binding; receptor activity; transmembrane signaling receptor

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