

## Recombinant Human LYVE1, Fc-tagged

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

### SPECIFICATION

|                           |  |
|---------------------------|--|
| <b>Product Overview</b>   | Recombinant fragment: LALLFFGAAA GLGFCYVKRY VKAFPFTNKN QQKEMIETKV VKEEKANDSN PNEESKTKDK NPEESKSPSK TTVRCLEAEV, corresponding to C terminal amino acids 243-322 of Human LYVE1 with tag.  |
| <b>Species</b>            | Human  |
| <b>Source</b>             | E.coli   |
| <b>ProteinLength</b>      | 243-322 a.a.   |
| <b>Description</b>        | 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. |
| <b>Conjugation</b>        | Fc   |
| <b>Tissue specificity</b> | Mainly expressed in endothelial cells lining lymphatic vessels.  |
| <b>Form</b>               | Liquid   |
| <b>Purity</b>             | >95% by SDS-PAGE   |
| <b>Storage buffer</b>     | Preservative: None<br>Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5  |

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

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activity;

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