Recombinant Mouse Lyve1 protein(Met1-Gly228), hFc-tagged

Cat. No. Lyve1-7388M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LYVE1 (Q8BHC0) (Met1-Gly228) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly228
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse LYVE1 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 446 amino acids and has a predicted molecular mass of 49.1 kDa. The apparent molecular mass of the protein is approximately 63 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Lyve1 lymphatic vessel endothelial hyaluronan receptor 1 [Mus musculus]
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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