

Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1 Human Re-

Item Number rAP-1283

Synonyms Lymphatic vessel endothelial hyaluronic acid receptor 1 precursor, LYVE-1, Cell surface retention sequence-binding protein 1, CRSBP-1, Hyaluronic acid receptor, Extracellular link domain-containing protein 1.

Description Soluble LYVE1 Human Recombinant fused to a C-terminal His-tag (6xHis) produced in baculovirus is a monomeric, glycosylated, polypeptide containing 232 amino acids (Met-1 to Gly 232) and having a total molecular mass of 25 kDa but as a result of glycosylation the Mw is 40 kDa. The LYVE-1 is purified by pro-

Uniprot Accesion Number Q9Y5Y7

Amino Acid Sequence

Source Insect Cells.

Physical Appearance and Stability Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized sLYVE-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution sLYVE-1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Formulation and Purity LYVE1 was lyophilized from a concentrated (1 mg/ml) sterile solution containing no additives. Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Application

Solubility It is recommended to reconstitute the lyophilized LYVE1 in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**