

Product datasheet

Recombinant Human LECT1 protein ab112725

概述

产品名称	重组人LECT1蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession	O75829
种属	Human
分子量	38 kDa

技术指标

Our [Abpromise guarantee](#) covers the use of **ab112725** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Western blot
形式	Lyophilised

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. pH: 6.80 Constituents: 1.58% Tris HCl, 3.09% DTT, 4% SDS, 0.2% Bromophenol blue, 20% Sucrose
复溶	Add 100ul of distilled water.

常规信息

功能	Bifunctional growth regulator that stimulates the growth of cultured chondrocytes in the presence of basic fibroblast growth factor (FGF) but inhibits the growth of cultured vascular endothelial cells. May contribute to the rapid growth of cartilage and vascular invasion prior to the
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replacement of cartilage by bone during endochondral bone development. Inhibits in vitro tube formation and mobilization of endothelial cells. Plays a role as antiangiogenic factor in cardiac valves to suppress neovascularization.

组织特异性

Detected in cartilage and cardiac valves (at protein level). Detected in the laminae fibrosa, spongiosa and ventricularis layers of normal cardiac valves (at protein level). Expression is decreased cardiac valves of patients with valvular heart disease (at protein level). Weakly expressed in chondrosarcoma.

序列相似性

Belongs to the chondromodulin-1 family.
Contains 1 BRICHOS domain.

发展阶段

Expressed at 9 weeks in developing cartilagenous bone rudiments.

翻译后修饰

After cleavage, the post-translationally modified ChM-I is secreted as a glycoprotein.

细胞定位

Endomembrane system and Secreted. Accumulated in the inter-territorial matrix of cartilage.

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