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LECT1, 214-333aa, Human, His tag, E.coli

产品货号: TP02800

第三版

别名:leukocyte cell-derived chemotaxin 1 isoform 2 precursor , BRICD3, CHM-I, CHM1, MYETS1

描述:LECT1 is a glycosylated transmembrane protein that is cleaved to form a mature, secreted protein. The N-terminus of the precursor protein shares characteristics with other surfactant proteins and is sometimes called chondrosurfactant protein although no biological activity has yet been defined for it. The C-terminus of the precursor protein contains a 25 kDa mature protein called leukocyte cell-derived chemotaxin-1 or chondromodulin-1. The mature protein promotes chondrocyte growth and inhibits angiogenesis. This gene is expressed in the avascular zone of prehypertrophic cartilage and its expression decreases during chondrocyte hypertrophy and vascular invasion. The mature protein likely plays a role in endochondral bone development by permitting cartilaginous anlagen to be vascularized and replaced by bone. Recombinant human LECT1 protein, fused to His-tag at N-terminus, was expressed in E.coli

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量:16.2kDa (143aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSREVVRKIVPTTTKRP HSGPRSNPGAGRLNNETRPSVQEDSQAFNPDNPYHQEGES
MTFDPRLDHEGICCCIECRRSYTHCQKICEPLGGYYPWPYNYQGCRSACRVIMPCSWWVARILGMV

纯度:> 95% by HPLC

浓度:1.0 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.