

32-4103: Recombinant Human Leukocyte Cell Derived Chemotaxin 1 (214-334 a.a.)

Alternative Name : BRICD3,CHM-I,CHM1,MYETS1,Leukocyte cell-derived chemotaxin 1,Chondrosurfactant protein,CH-SP,Chondromodulin-1,ChM-I,LECT1.

Description

Source : Escherichia Coli. LECT1 Human Recombinant produced in E. coli is. a single polypeptide chain containing 144 amino acids (214-334) and having a molecular mass of 16.3kDa. LECT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Leukocyte Cell Derived Chemotaxin 1, also known as LECT1, is a glycosylated transmembrane protein which is cleaved to form a mature, secreted protein. The mature protein encourages chondrocyte growth and inhibits angiogenesis. The mature protein takes part in endochondral bone development by permitting cartilaginous anlagen to be vascularized and replaced by bone. LECT1 is expressed in the avascular area of prehypertrophic cartilage and its expression reduces during vascular invasion and chondrocyte hypertrophy.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The LECT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSREVVVKI VPTTTKRPHS GPRSNPGAGR LNNETRPSVQ
EDSQAFNPDN PYHQEGESM TFDPRLDHEG ICCIECRSY THCQKICEPL GGYYPWPYNY QGCRSACRVI
MPCSWWVARI LGMV.