9051 Mira Mesa Blvd, #910094
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LECT2 Human

Leukocyte Cell-Derived Chemotaxin 2 Human Recombinant
RCP1237

Product Overview

Name	LECT2 Human

Description

Leukocyte Cell-Derived Chemotaxin 2 Human Recombinant

Accession (Primary)	O14960

Synonyms

Leukocyte Cell-Derived Chemotaxin 2, Leukocyte Cell-Derived Chemotaxin-2, Chondromodulin-II, Chm-II, LECT-2, HLECT2, Chm2, LECT2.

Introduction

Leukocyte Cell-Derived Chemotaxin 2 (LECT2) functions as a chemotactic factor to neutrophils. LECT2 stimulates the proliferation of chondrocytes and osteoblasts. LECT2 is strongly expressed in the liver and weakly in the testis. LECT2 is a secreted, 16kDa protein which serves as a chemotactic factor to neutrophils and stimulates the growth of chondrocytes and osteoblasts. LECT2 protein has a high sequence similarity to the chondromodulin repeat regions of the chicken myb-induced myeloid 1 protein. A polymorphism in the LECT2 gene is linked with rheumatoid arthritis.

Source

Escherichia Coli.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

LECT2 was filtered (0.4 µm) and lyophilized in 20mM Tris buffer, 50mM NaCl & pH 7.5.

Stability

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MKHHHHHHAS GPWANICAGK SSNEIRTCDR HGCGQYSAQR SQRPHQGVDI LCSAGSTVYA PFTGMIVGQE KPYQNKNAIN NGVRISGRGF CVKMFYIKPI KYKGPIKKGE KLGTLLPLQK VYPGIQSHVH IENCDSSDPT AYL.

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Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. LECT2 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

LECT2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O14960)