

Eotaxin-3/CCL26 (24-94), Human, Recombinant

货号: PCK112

产品信息

别名 C-C Motif Chemokine 26; CC Chemokine IMAC; Eotaxin-3; Macrophage

Inflammatory Protein 4-Alpha; MIP-4-Alpha; Small-Inducible Cytokine A26;

Thymic Stroma Chemokine-1; TSC-1; CCL26; SC

物种 Human

表达宿主 E.coli

序列信息 Thr24-Leu94

检索号 Q9Y258

分子量 8.53 kDa

产品特性

纯度 >95% as determined by reducing SDS-PAGE.

内毒素 <1.0 EU per µg as determined by LAL test.

保存 Store at \leq -70°C, stable for 6 months after receipt. Store at \leq -70°C, stable for 3

months under sterile conditions after opening. Please minimize freeze-thaw cycles.

运输 The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at

the temperature listed below.

制剂 Supplied as a 0.2 µm filtered solution of 20mM Tris, 1mM EDTA, 20% Glycerol,

pH 9.0.

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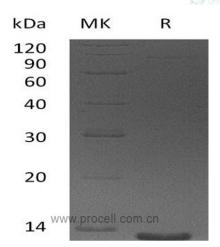




背景介绍

Chemokine Ligand 26 Protein (CCL26) is a novel small Cytokine belonging to the CC Chemokine familywhich is involved in immunoregulatory and inflammatory processes. CCL26 is constitutively expressed inthymus, but only transiently expressed in phytohemagglutinin-stimulated peripheral blood mononuclearcells. It specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the Chemokine Receptor CCR4. CCL26, along with Eotaxin-1 and Eotaxin-2, selectively activates the CCChemokine Receptor 3 (CCR3). The Eotaxin-3-CCR3 interaction may play an important role in allergic diseases such as atopic dermatitis and bronchial asthma. The full-length cDNA for CCL26 encodes a Protein of 94 amino acids with a putative signal peptide of either 23 or 26 amino acid residues. Both the 71 and 68 amino acid residue variants of recombinant CCL26 demonstrate equal potency in inducing chemotaxis of ahuman CCR3-transfected cell line. Unlike most other CC Chemokines, CCL26 maps to human chromosome 7q11.2, within 40 kilobases of the Eotaxin-2 loci. CCL26 and Eotaxin-2 are unique in that they are the only Chemokines identified to date that map to chromosome 7.

SDS-PAGE



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