

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 ≤-70°C, stable for 6 months after receipt. Store at ≤-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.



背景介绍

Chemokine Ligand 26 Protein (CCL26) is a novel small Cytokine belonging to the CC Chemokine family which is involved in immunoregulatory and inflammatory processes. CCL26 is constitutively expressed in thymus, but only transiently expressed in phytohemagglutinin-stimulated peripheral blood mononuclear cells. 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 CC Chemokine 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 a human 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

