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Datasheet for ABIN7455613 CCL26 Protein

Overview

Quantity:	50 µg
Target:	CCL26
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human C-C Motif Chemokine 26 is produced by our E.coli expression system and the target gene encoding Ser27-Leu94 is expressed.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CCL26
Alternative Name:	CCL26 (CCL26 Products)
Background:	<p>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, SCYA26</p> <p>Description: Chemokine (C C Motif) Ligand 26 (CCL26) is a novel small cytokine belonging to the CC chemokine family, which involved in immunoregulatory and inflammatory processes. CCL26 is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. It specifically binds and induces chemotaxis in</p>

Target Details

T cells and elicits its effects by interacting with the chemokine receptor CCR4. Eotaxin-3/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 Eotaxin-3 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 Eotaxin-3 demonstrate equal potency in inducing chemotaxis of a human CCR3-transfected cell line. Unlike most other CC chemokines, Eotaxin-3 maps to human chromosome 7q11.2, within 40 kilobases of the Eotaxin-2 loci. Eotaxin-3 and Eotaxin-2 are unique in that they are the only chemokines identified to date that map to chromosome 7.

Molecular Weight: 8.21 KDa

UniProt: [Q9Y258](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months