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## Datasheet for ABIN1096266 CCL26 Protein (AA 24-94)



Overview

Overview	
Quantity:	50 µg
Target:	CCL26
Protein Characteristics:	AA 24-94
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Product Details	
Purpose:	Recombinant Human C-C Motif Chemokine 26/CCL26 (24-94)
Sequence:	MTRGSDISKT CCFQYSHKPL PWTWVRSYEF TSNSCSQRAV IFTTKRGKKV CTHPRKKWVQ
	KYISLLKTPK QL
Characteristics:	Recombinant Human C-C Motif Chemokine 26/CCL26 (24-94) is produced with our E. coli
	expression system. The target protein is expressed with sequence (Thr24-Leu94) of Human
	CCL26.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test
Target Details	
Target:	CCL26
Alternative Name:	eotaxin-3 (CCL26 Products)

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Target Details	
Background:	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.
	Alternative Names: 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
Molecular Weight:	8.53 kDa
UniProt:	Q9Y258
Pathways:	Regulation of Actin Filament Polymerization
Application Details	

## Application Details

Restrictions:

For Research Use only

## Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 $\mu m$ filtered solution of 20 mM Tris, 1 mM EDTA, 20 % Glycerol, pH 9.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C

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Handling	
Storage Comment:	Store at < -20°C, stable for 6 months after receipt.
	Please minimize freeze-thaw cycles.
Expiry Date:	6 months