Datasheet for ABIN988253

CCL25 Protein

Go to Product page

Overview

Quantity:	1 mg
Target:	CCL25
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	QGVFEDCCLA YHYPIGWAVL RRAWTYRIQE VSGSCNLPAA IFYLPKRHRK VCGNPKSREV QRAMKLLDAR NKVFAKLHHN MQTFQAGPHA VKKLSSGNSK LSSSKFSNPI SSSRKNVSLL ISANSG
Characteristics:	Fully biologically active when compared to standard. The ED50 determined by a chemotaxis bioassay using human monocytes is less than 10 ng/ml, corresponding to a specific activity of >, 1.0 × 105 IU/mg.
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	Level Less than 1EU/µg of rHuTECK/CCL25 as determined by LAL method

Target Details

Target:	CCL25
Alternative Name:	TECK/CCL25 (CCL25 Products)
Background:	CCL25 (thymus expressed chemokine) is a novel CC chemokine that is distantly related

Target Details

	(approximately 20% amino acid sequence identity) to other CC chemokines. Mouse CCL25 cDNA has also been cloned and shown to encode a 144 aa protein that exhibits 49% aa sequence identity to human CCL25. The expresssion of human and mouse CCL25 was shown to be highly restricted to the thymus and small intestine. Although dendritic cells have been demonstrated to be the source of CCL25 production in the thymus, dendritic cells derived from bone marrow do not express CCL25. Recombinant human and mouse CCL25 have been shown to be chemotactic for activated macrophages, dendritic cells and thymocytes. CCL25 signals through the CCR9 receptor. Synonym: TECK/CCL25, Human. Formulation: Lyophilized from a 0.2μm filtered concentrated solution in 20mM PB, pH 7.4, 150mM NaCl.
Molecular Weight:	14.2 kDa, a single, non-glycosylated polypeptide chain containing 127 amino acids.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at
Storage:	4 °C