Datasheet for ABIN988125

CCL22 Protein

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Overview

Quantity:	20 µg
Target:	CCL22
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active

Product Details

Sequence:	GPYGANMEDS VCCRDYVRYR LPLRVVKHFY WTSDSCPRPG VVLLTFRDKE ICADPRVPWV KMILNKLS
Characteristics:	Fully biologically active when compared to standard. The ED50 determined by a chemotaxis bioassay using human T-lymphocytes is less than 100 ng/ml, corresponding to a specific activity of >, 1.0 × 104 IU/mg.
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	Level Less than 1EU/µg of rHuMDC/CCL22 as determined by LAL method

Target Details

Target:	CCL22
Alternative Name:	Macrophage-Derived Chemokine/CCL22 (CCL22 Products)
Background:	MDC is a CC chemokine that is produced in B cells, macrophages, monocyte-derived dendritic cells, activated NK cells and CD4 T cells. It signals through the CCR4 receptor. MDC chemoattracts monocytes, dendritic cells and NK cells and exerts HIV suppressive activity.

Target Details

	Synonym: Macrophage-Derived Chemokine/CCL22 (69a.a.), Human. Formulation: Lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH7.4, 500mM NaCl.
Molecular Weight:	8.1 kDa, a single, non-glycosylated polypeptide chain containing 69 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 < -20 °C. Further dilutions should be made in appropriate buffered solutions.
Storage:	4 °C