Datasheet for ABIN987838

CCL21 Protein

Go to Product page

Overview

Quantity:	1 mg
Target:	CCL21
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active

Product Details

Sequence:	SDGGAQDCCL KYSQRKIPAK VVRSYRKQEP SLGCSIPAIL FLPRKRSQAE LCADPKELWV QQLMQHLDKT PSPQKPAQGC RKDRGASKTG KKGKGSKGCR KTERSQTPKG
Characteristics:	Fully biologically active when compared to standard. The ED50 determined by a chemotaxis bioassay using human peripheral blood T-lymphocytes is less than 600 ng/ml, corresponding to a specific activity of >, 1.7 × 103 IU/mg.
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	Level Less than 1EU/μg of rHuExodus/CCL21 as determined by LAL method

Target Details

Target:	CCL21
Alternative Name:	Exodus-2/CCL21 (CCL21 Products)
Background:	Exodus-2/CCL21 is a novel CC chemokine discovered independently by three groups from the EST database, and shows 21-33% identity to other CC chemokines. Exodus-2 contains the four conserved cysteines characteristic of beta chemokines plus two additional cysteines in its

Target Details

	unusually long carboxylterminal domain. It is expressed in lymph nodes of certain endothelial cells, and in the spleen and appendix. Exodus-2 chemoattracts T and B lymphocytes and inhibits hematopoiesis. Synonym: Exodus-2/CCL21, Human. Formulation: Lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH 7.4,150mM NaCl.
Molecular Weight:	12.2 kDa, a single, non-glycosylated polypeptide chain containing 111 amino acids.
Pathways:	Regulation of Actin Filament Polymerization

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