

## Datasheet for ABIN987838

### CCL21 Protein



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#### Overview

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

#### Product Details

Sequence:	SDGGAQDCCL KYSQRKIPAK VRSYRKQEP 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 $> 1.7 \times 10^3$ IU/mg.
Purity:	$> 97$ % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	Level Less than 1EU/ $\mu$ g of rHuExodus/CCL21 as determined by LAL method

#### Target Details

Target:	CCL21
Alternative Name:	Exodus-2/CCL21 ( <a href="#">CCL21 Products</a> )
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:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

Restrictions:	For Research Use only
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## 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