

Datasheet for ABIN6952170  
**CCL27 Protein (AA 25-112)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	CCL27
Protein Characteristics:	AA 25-112
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Cell Migration Assay (CMA)

## Product Details

Sequence:	FLLPPSTACC TQLYRKPLSD KLLRKVIQVE LQEADGDCHL QAFVLHLAQR SICIHPQNPS LSQWFEHQER KLHGTLPKLN FGMLRKMG
Characteristics:	Recombinant Human CCL27 (CTACK)
Purity:	> 97 % by SDS PAGE
Endotoxin Level:	<0.01 EU per 1µg of the protein by the LAL method
Biological Activity Comment:	EC50 = 34 nM determined by Migration Assay in cells expressing recombinant CCR10

## Target Details

Target:	CCL27
Alternative Name:	CCL27 (CTACK) ( <a href="#">CCL27 Products</a> )

## Target Details

Background:	Cutaneous T-cell-attracting chemokine (CTACK/CCL27) is a ligand for cell surface receptor CCR10. It is responsible for chemotaxis of skin-homing memory T cells during cutaneous inflammation. Interestingly, after CCR10-mediated internalization, CTACK, as well as a non-secreted splice variant of the same gene, can reach the nucleus and modulate transcription and cell behavior.
Molecular Weight:	10.149kDa
UniProt:	<a href="#">Q9Y4X3</a>

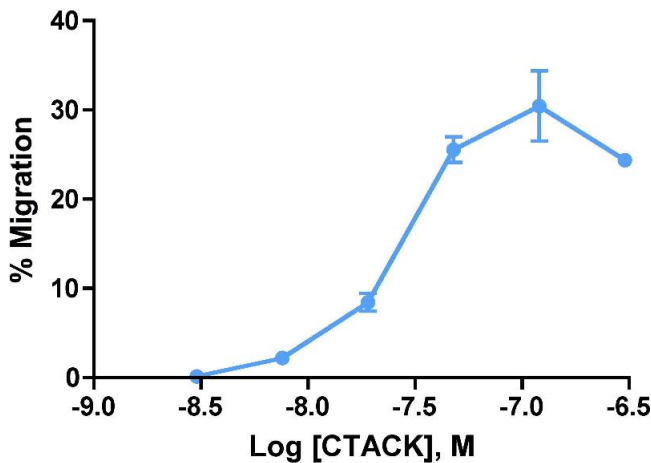
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Spin tube prior to resuspending. Recommended at 100 µg/mL in sterile water
Storage:	-20 °C,-80 °C
Storage Comment:	12 months from date of receipt, -20 to -70 °C as supplied. Suggest to use immediately after reconstitution 1 month at -20 to -70 °C under sterile conditions after reconstitution.
Expiry Date:	12 months

## Images



### Cellular Assay

**Image 1.** Cells expressing recombinant CCR1 were assayed for migration through a transwell filter at various concentrations of MIP-1α. Responses are expressed as the % of total input cells.