

# CTACK, Murine Recombinant

<b>CATALOG #:</b>	7128-10	10 µg
	7128-50	50 µg
<b>ALTERNATE NAMES:</b>	Cutaneous T-cell Attracting Chemokine, CCL27, ALP, Skinkine, Eskine	
<b>SOURCE:</b>	E.coli	
<b>PURITY:</b>	≥ 98% by SDS-PAGE gel and HPLC analyses	
<b>MOL. WEIGHT:</b>	10.9 kDa	
<b>ENDOTOXIN LEVEL:</b>	< 0.1 ng/µg of protein (<1EU/µg).	
<b>FORM:</b>	Lyophilized	
<b>FORMULATION:</b>	Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.	
<b>STORAGE CONDITIONS:</b>	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

## RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

## DESCRIPTION:

CTACK is a keratinocyte-derived CC chemokine which signals through the CCR10 receptor. Both CTACK and CCR10 are expressed in normal and irritated epithelial cells. CTACK selectively attracts CLA+ T-cells and directs them into the skin. CTACK contains the four highly conserved cysteine residues present in most CC chemokines. The mature protein contains 88 amino acid residues. Recombinant murine CTACK is a 10.9 kDa Protein, containing 95 amino acid residues.

## BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract human peripheral blood lymphocytes using a concentration range of 10.0-100.0 ng/ml.

## AMINO ACID SEQUENCE:

LPLPSSTSCC TQLYRQPLPS RLLRRIVHME LQEADGDCHL QAVVLHLARR  
SVCVHPQNRS LARWLERQ GK RLQGTVP SLN LVLQKKMYSN PQQQN

## RELATED PRODUCTS:

- CTACK, human recombinant (**Cat. No. 4350-20, 1000**)
- CCR10 Antibody (**Cat. No. 5210-100**)

**FOR RESEARCH USE ONLY! Not to be used in humans.**