



Recombinant Mouse CTACK/ CCL27

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	M10-055S
Size:	5 µg
Lot. No.:	According to product label

Scientific Background

Gene-ID (NCBI):	20301
Synonyms:	CCL27

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.

Sequence

LPLPSSTSCC TQLYRQPLPS RLLRRIVHME LQEADGDCHL
QAVVLHLARR SVCVHPQNRS LARWLERQ GK RLQGTVPSLN
LVLQKKMYSN PQQQN

Database References

Protein RefSeq:	NP_035466.1
Uniprot ID:	Q9Z1X0
mRNA RefSeq:	NM_011336.1

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	95
MW:	10.9 kDa

Biological Activity: Determined by its ability to chemoattract human peripheral blood lymphocytes using a concentration range of 10.0-100 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!