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## Recombinant Murine CTACK

**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<sup>+</sup> 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.

<b>Source:</b>	E. coli
<b>Molecular Weight:</b>	10.9 kDa
<b>Purity:</b>	> 98% by SDS-PAGE and HPLC
<b>Endotoxin level:</b>	< 0.1 ng per µg of CTACK
<b>Stabilizer:</b>	none
<b>Formulation:</b>	lyophilized

**Biological Activity:** Determined by its ability to chemoattract CXCR3 transfected HEK/293 cells using a concentration range of 10.0-100.0 ng/ml.

**Reconstitution:** The murine CTACK should be reconstituted in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted in water or other buffer solutions or stored at -20°C.

**Stability:** The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted murine CTACK should be stored in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

**Usage:** Murine CTACK offered for research use. Not for drug use. **Not for human use.**

**Catalogue number:** M10-055

**Size:** 20 µg

**\*\*please note: always centrifuge product before opening Vial.\*\***