
Product Data Sheet

Product Name: CTACK Mouse
 Cat. No.: GP21079
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	C-C motif chemokine 27; CC chemokine ILC; Cutaneous T-cell-attracting chemokine; CTACK; ESKine; IL-11 R-alpha-locus chemokine; ALP; mILC; Skinkine; Small-inducible cytokine A27; Ccl27; Ilc; Scya27.		
Amino Acid Sequence	LPLPSSTSCC TQLYRQPLPS RLLRRIVHME LQEADGDCHL QAVVLHLARR SVCVHPQNRS LARWLERQ GK RLQGTVPSLN LVLQKMYSN PQQQN.		
Solubility	It is recommended to reconstitute the lyophilized CTACK in sterile 18MΩ-cm H ₂ O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	Lyophilized from a 0.2μm filtered concentrated solution in 20mM PB, pH7.4 and 300mM NaCl.		

Introduction

CTACK is a chemotactic factor that attracts skin-associated memory T-lymphocytes. CTACK is involved in mediating homing of lymphocytes to cutaneous sites. CTACK Binds to CCR10.

Biological Activity

The biological activity determined by a chemotaxis bioassay using human peripheral blood lymphocytes is in a concentration range of 10-100 ng/ml.

Stability

Lyophilized CTACK although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution CTACK should be stored at 4°C between 2-7 days and for future use below -18°C . For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

CTACK Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 95 amino acids and having a molecular mass of 10.9kDa. The CTACK is purified by proprietary chromatographic techniques.

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