

32-1865: mCTACK Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount : 20 µg
Purification : Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content : Lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH7.4 and 300mM NaCl.
Storage condition : 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.
Amino Acid : LPLPSSTSCC TQLYRQPLPS RLLRRIVHME LQEADGDCHL QAVVLHLARR SVCVHPQNRS LARWLERQ GK RLQGTVP SLN LVLQKKMYSN PQQQN.

Application Note

It is recommended to reconstitute the lyophilized CTACK in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. The biological activity determined by a chemotaxis bioassay using human peripheral blood lymphocytes is in a concentration range of 10-100 ng/ml.

