

Mouse CTACK Recombinant Protein



RPPB1112

Product Information Protein Information

Product SKU:

RPPB1112

Accession:

Q9Z1X0

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

C-C motif chemokine 27, CC chemokine ILC, Cutaneous T-cell-attracting chemokine, CTACK, ESkin, IL-11 R-alpha-locus chemokine, ALP, mILC, Skinkine, Small-inducible cytokine A27, Ccl27, Ilc, Scya27.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH7.4 and 300mM NaCl.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

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.

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.

Amino Acid Sequence:

LPLPSSTSCC TQLYRQPLPS RLLRRIVHME LQEADGDCHL QAVVLHLARR SVCVHPQNRS LARWLERQ GK
RLQGTVPSLN LVLQKKMYSN PQQQN.

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.