

Murine CTACK / CCL27

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.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1295.960.005		
20 µg	1295.960.020		
1 mg	1295.960.199		

Please enquire for bulk quantities and other vial sizes

Description

CTACK Murine Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 95 amino acids and having a molecular mass of 10.9kDa.

- **Source** *E. Coli*
- **Purity** ≥ 98 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH7.4 and 300mM NaCl*
- **Physical state** Sterile filtered, lyophilized

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.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

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 avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

LPLPSSTSCC TQLYRQPLPS RLLRRIVHME LQEADGDCHL QAVVLHLARR SVCVHPQNRS LARWLERQ GK
 RLQGTVP SLN LVLQKKMYSN PQQQN

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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