

CCL27

Recombinant Human CTACK / CCL27

Catalog No.	CRC601B	Quantity:	20 µg
Alternate Names:	Cutaneous T-cell-attracting chemokine, C-C motif chemokine 27, Small-inducible cytokine A27, IL-11 R-alpha-locus chemokine		
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+ T-cells and directs them into the skin. CTACK contains the four highly conserved cysteine residues present in most C-C motif chemokines.		
UniProt ID:	Q9Y4X3		
Gene ID:	10850		
Source:	<i>E. coli</i>		
Molecular Weight:	10.2 kDa (88 aa)		
Formulation:	Lyophilized without additives		
Purity:	> 98% as determined by SDS-PAGE and HPLC analyses		
Endotoxin Level:	< 1 EU/µg		
Biological Activity:	Determined by its ability to chemoattract CXCR3 transfected HEK293 cells using a concentration of 10.0-100.0 ng/ml.		
Species Reactivity:	Human, Mouse, Bacteria		
Amino Acid Sequence:	FLLPPSTACC TQLYRKPLSD KLLRKVIQVE LQEADGDCHL QAFVLHLAQR SICHPQNPS LSQWFEHQER KLHGTLPKLN FGMLRKMG		
Reconstitution:	Centrifuge vial prior to opening. Add sterile water to the vial to a concentration of 0.1 - 1.0 mg/mL. Do not vortex. After complete solubilization of the protein, it may be further diluted with other solutions containing a carrier protein such as 0.1 % BSA.		
Storage & Stability:	The lyophilized protein is stable at -20°C to -80° for up to 1 year. Reconstituted working aliquots are stable for 1 week at 2-8°C and for 3 months at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

