

Recombinant CCL27 (CTACK)

ORDERING INFORMATION

Catalog No.	Size
50182P-5	5ug
50182P-20	20ug
50182P-50	50ug
50182P-100	100ug
50182P-1000	1000ug

BACKGROUND

CCL27, also known as Cutaneous T-cell-attracting Chemokine (CTACK) is a ligand for cell surface receptor CCR10. It is responsible for chemotaxis of skin-homing memory T-cells during cutaneous inflammation. Interestingly, after CCR10-mediated internalization, CCL27, as well as a non-secreted splice variant of the same gene, can reach the nucleus and modulate transcription and cell behavior.

DESCRIPTION

Source:	Recombinant human CCL27, produced in <i>E. coli</i> , corresponds to aa 25-112 (accession no. Q9Y4X3).
Protein Sequence:	FLLPPSTACCTQLYRKPLSDKLLRKVIQVELQEADGDCHLQAFVLHLAQ RSICIHQPQNPSLSQWFEHQERKLGHTLPKLNFGMLRKMG
Molecular Mass:	10.149kDa by Mass Spec.
Purity:	>97%
Activity:	EC50 = 34nM determined by Migration Assay in L1.2 cells expressing CCR10.
Endotoxin Level:	<0.01 EU per 1ug of protein by LAL method.
Form:	Lyophilized.
Carrier Protein:	None.

PREPARATION AND STORAGE

Reconstitution:	Recommended at 100ug/ml in sterile distilled water.
Stability and Storage:	12 months from date of receipt, -20°C to -70°C, as supplied. 1 month, 2°C to 8°C, under sterile conditions after reconstitution. 3 months, -20°C to -70°C, under sterile conditions after reconstitution.

For in vitro investigational use only. Not for use in diagnostic or therapeutic procedures.