

Datasheet for ABIN7596332

CCL21 Protein (AA 24-133) (His tag)



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Overview

Quantity:	500 µg
Target:	CCL21
Protein Characteristics:	AA 24-133
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL21 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	SDGGGQD CCLKYSQKKI PYSIVRGYRK QEPSLGCIPI AILFSPRKHS KPCLCANPEE GWVQNLMRRL DQPPAPGKQS PGCCKNRGTS KSGKKKGKGSK GCKRTEQTQP SRG
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	CCL21
Alternative Name:	CCL21/6Ckine (CCL21 Products)
Background:	CCL21, also known as C-C motif chemokine 21a, is a member of homeostatic chemokine. It plays an important role in adaptive immune responses and inflammation. This protein inhibits hemopoiesis and stimulates chemotaxis. It is involved in signaling through CXCR3. This protein

Target Details

is upregulated on local vascular endothelial cells,macrophages, T cells, and neurons during chronic inflammation or tissue damage. Deficient of This protein was impaired in the medullary deletion of self-reactive thymocytes and developed autoimmune dacryoadenitis and T cellaccumulation in the lymph nodes was also defective. Recombinant mouse CCL21, fused to His-tag at C-terminus,was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 13.1 kDa (119aa)

NCBI Accession: [NP_035254](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.