

Recombinant Mouse CCL21/6Ckine Protein

Catalog No.: RP01885

Sequence Information

Species	Gene ID
Mouse	18829
Swiss Prot	Tags
P84444	C-His

Synonyms

C-C Motif Chemokine 21a; 6Ckine; Beta-Chemokine Exodus-2; Small-Inducible Cytokine A21a; Thymus-Derived Chemotactic Agent 4; TCA4; Ccl21a; Scya21; Scya21a

Product Information

Source	Purification
<i>Pichia</i>	≥ 90 % as determined by SDS-PAGE.

Calculated MW	Observed MW
12.89 kDa	15-25 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

C-C Motif Chemokine 21a (CCL21a) is a small secreted cytokine that belongs to the intercrine beta (CCchemokine) family. Mouse CCL21 cDNA encodes a 133 amino acid residue protein with a 23 residue signal peptide that is cleaved to generate the 110 residue mature protein. Mouse CCL21 has three forms while CCL21a has Ser-65. CCL21 elicits its effects by binding to a cell surface chemokine receptor known as CCR7 and CXCR3. Mouse CCL21 inhibits hemopoiesis and stimulates chemotaxis. It has chemotactic function in vitro for thymocytes and activated T-cells, but not for B-cells, macrophages, or neutrophils. Mouse CCL21 shows preferential activity towards naive T-cells and may play a role in mediating homing of lymphocytes to secondary lymphoid organs.

Basic Information

Description

Recombinant Mouse CCL21A Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Ser24-Gly133) of Mouse CCL21A (Accession #P84444) fused with a His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

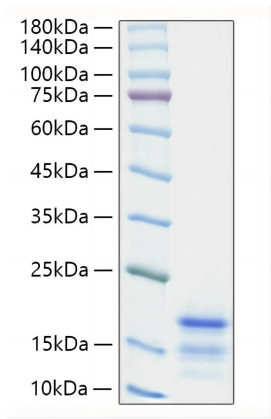
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Validation Data



Recombinant Mouse CCL21/6Ckine Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.