

Datasheet for ABIN7320484 **Ccl21a Protein**

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Overview

Quantity:	50 µg
Target:	Ccl21a (CCL21A)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse CCL21a Protein
Sequence:	Ser24-Gly133
Characteristics:	Recombinant Mouse C-C Motif Chemokine 21a is produced by our E.coli expression system and the target gene encoding Ser24-Gly133 is expressed.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Ccl21a (CCL21A)
Alternative Name:	CCL21a (CCL21A Products)
Background:	Background: C-C Motif Chemokine 21a (CCL21a) is a small secreted cytokine that belongs to the intercrine beta (CC chemokine) 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

Target Details

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.

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

Molecular Weight:	12.0 kDa
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UniProt:	P84444
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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