

Exodus-2/CCL21a, Mouse, Recombinant

Cat. No. : PCK229

General Information

Synonyms	C-C Motif Chemokine 21a;6Ckine;Beta-Chemokine Exodus-2;Small-Inducible Cytokine A21a;Thymus-Derived Chemotactic Agent 4;TCA4;Ccl21a;Scya21;Scya21a
Species	Mouse
Expression host	E.coli
Sequence	Ser24-Gly133
Accession	P84444
Mol mass	12.1 kDa
Expiration date	12 months

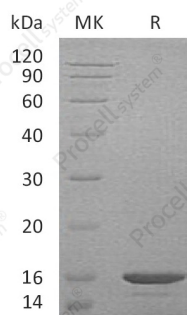
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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 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.

SDS-PAGE



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