

Datasheet for ABIN6699621

Ccl21a Protein



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Overview

Quantity:	20 µg
Target:	Ccl21a (CCL21A)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Mouse Exodus-2 / CCL21 Recombinant Protein
Purification:	Exodus-2 / CCL21 purity was determined to be greater than 98% as determined by analysis by SDS-PAGE.
Purity:	98,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	The activity is determined by its ability to chemoattract 5-10 day old cultures of human peripheral blood lymphocytes at concentrations between 200 ng/mL- 600 ng/mL.

Target Details

Target:	Ccl21a (CCL21A)
Alternative Name:	Ccl21a (CCL21A Products)
Background:	<p>Synonyms: CCL21, 6Ckine, Beta-chemokine exodus-2, Small-inducible cytokine A21a, Thymus-derived chemotactic agent 4 (TCA4)</p> <p>Background: Exodus-2, also known as CCL21 and 6Ckine, is a novel chemokine produced at</p>

Target Details

high levels in human lymph node tissue and the spleen. 6Ckine signals through the CCR7 receptor to recruit thymocytes and activated T cells in vitro, but is not known to be chemotactic for monocytes. Human and mouse Exodus-2 share > 85 % amino acid identity. Recombinant mouse Exodus-2 is a non-glycosylated protein, containing 110 amino acids, with a molecular weight of 12 kDa.

UniProt: [P84444](#)

Application Details

Application Notes: Other: User Optimized
Application_Note: Exodus-2 Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Exodus-2 in immunological assays.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution_Buffer: Restore with deionized water (or equivalent)
Reconstitution_Volume: 20 µL (20-200 µL)

Buffer: Buffer: 0.1 % Trifluoroacetic acid
Stabilizer: None

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.

Expiry Date: 6 months