

Datasheet for 010-001-U75-0005**rMouse Exodus-2 / CCL21 Protein****Overview**

Description:	Mouse Exodus-2 / CCL21 Recombinant Protein - 010-001-U75-0005
Item No.:	010-001-U75-0005
Size:	5 µg
Origin:	Mouse
Expressed in:	E. coli

Product Details

Background:	Exodus-2, also known as CCL21 and 6Ckine, is a novel chemokine produced at 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.
Synonyms:	CCL21, 6Ckine, Beta-chemokine exodus-2, Small-inducible cytokine A21a, Thymus-derived chemotactic agent 4 (TCA4)
Species of Origin:	Mouse
Expressed in:	E. coli
Type:	Recombinant Protein
Low Endotoxin:	Yes

Target Details

Gene Name:	Ccl21a
Purity/Specificity:	Exodus-2 / CCL21 purity was determined to be greater than 98% as determined by analysis by SDS-PAGE.
Relevant Links:	• UniProtKB - P84444

Application Details

Application Note:	Exodus-2 Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Exodus-2 in immunological assays.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
Other:	Endotoxin Level: Measured by kinetic LAL analysis and is typically ≤ 1 EU/ μ g protein. Biologic Activity: 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.

Formulation

Physical State:	Lyophilized
Concentration:	0.1 mg/ml by UV absorbance at 280 nm
Buffer:	0.1% Trifluoroacetic acid
Preservative:	None
Stabilizer:	None
Reconstitution Volume:	5 μ l (5-50 μ l)
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	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.
Expiration:	Expiration date is six (6) months from date of receipt.

Disclaimer

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